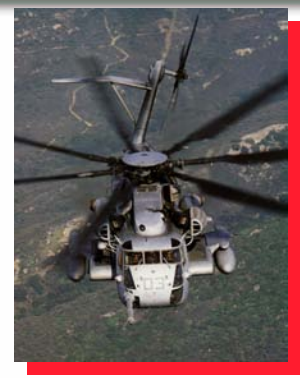
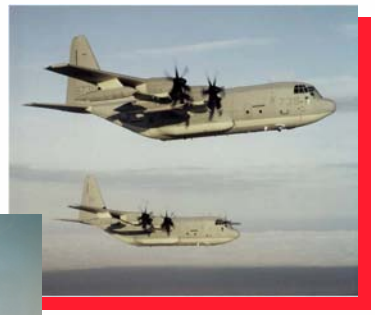
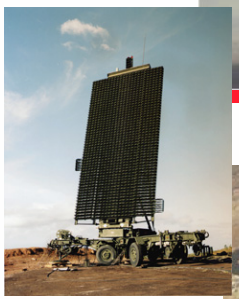
Marine AVPLAN







DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
2 NAVY ANNEX
WASHINGTON, DC 20380-1775

IN REPLY REFER TO:
MCBul 3125
A
15 Jun 04

MARINE CORPS BULLETIN 3125

From: Commandant of the Marine Corps
To: Distribution List

Subj: THE MARINE AVIATION PLAN FOR FISCAL YEAR 2004

Encl: (1) Marine Corps AVPLAN for FY2004 dated 15 Jun 2004

1. Purpose. The Marine Aviation Plan (AVPLAN) is the aviation action plan that provides graphic overview of Marine Aviation total force organization, unit capabilities and transitions over the next ten-year period. The AVPLAN shall be revised every six months as Marine Aviation policy and program decisions are approved by CMC.

2. Background. This version supercedes all previous versions, and will remain in effect until rescinded in writing.

3. Action. Forward all change requests to Deputy Commandant for Aviation (APP-3).

4. Reserve Applicability. This Bulletin is applicable to the Marine Corps Reserve.

Deputy Commandant
For Aviation

THE MARINE CORPS AVIATION PLAN (AVPLAN) FOR FISCAL YEARS 2004-2013

Marine Aviation Strategic Vision

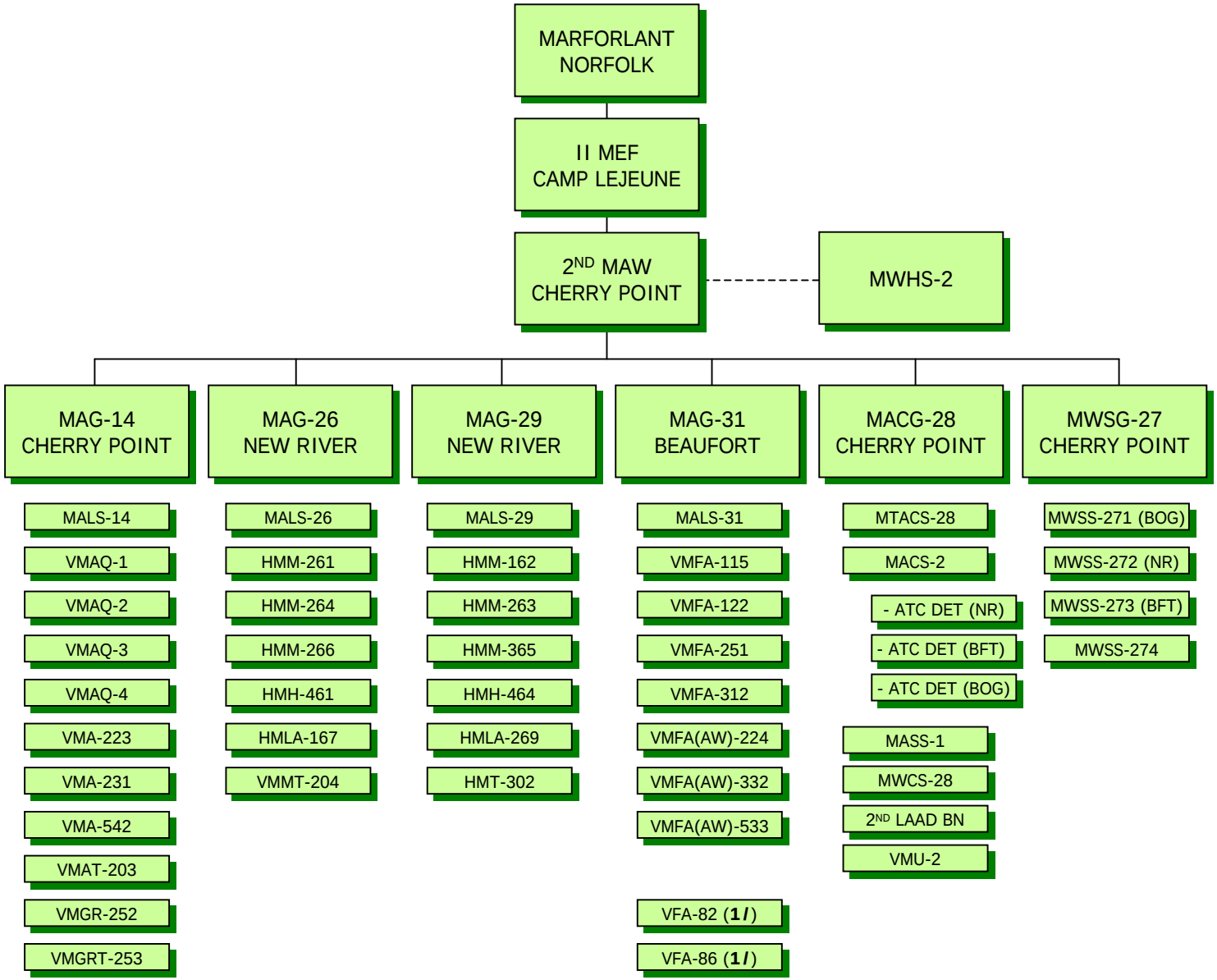
Over the course of the next ten to fifteen years, Marine Aviation will change dramatically. This change includes legacy to modern aircraft transition, Marine Air Command and Control System modernization, new basing requirements, Tactical Air Integration and the way the nation fights. Marine Aviation is transforming. The one thing that will not change, however, is our professionalism and our expeditionary culture.

The management of this change will dictate our future for the next half century. Marine Aviation will harness this change as a total force Aviation Combat Element (ACE) composed of four Marine Aircraft Wings in order to maintain operational flexibility and retain our culture within our capstone operational concept, Expeditionary Maneuver Warfare (EMW). The top priorities are and will remain the accomplishment of our mission and the welfare of our people. In large part, our mission accomplishment will be based on how smoothly the transition between legacy and transitional platforms and organizations takes place in an environment fraught with uncertainty and ever changing global requirements.

The Marine Aviation AVPLAN is intended to be a living document that serves to map out how we will mold the ACE of the future to align with emerging concepts while maintaining our ability to project power and meet the nation's call. As we enter the 21st century, it is clear that we are entering a new era in warfare, where enemies routinely attack us by asymmetric means and attempt to undermine our efforts by exploiting seams in our operational and tactical concepts. Several new concepts are evolving to meet the challenges of an asymmetric enemy and a burgeoning environment of anti-access and area denial. In addition to the aforementioned EMW, Enhanced Networked Sea Basing has emerged as a means to develop an asymmetric advantage of our own. 70 percent of the earth's surface is covered by water, and we must exploit our maritime superiority to transform this medium into a formidable, flexible, sovereign base at sea that is an extension of and an instrument for the most powerful nation in the world to maintain its global influence. As such, it is incumbent upon the Naval Service to transform itself as an instrument by which sea based forces can rapidly respond to crises while limiting our need to build an extensive support network ashore. Inherent to the Sea Basing concept is the Expeditionary Strike Force (ESF) construct, marrying an Expeditionary Strike Group (ESG – formerly referred to as an Amphibious Ready Group) with a Carrier Strike Group (CSG – formerly referred to as a Carrier Battle Group), and other maritime assets such as a Maritime Prepositioning Group (MPG) whose synergistic relationship is intended to render the whole greater than the sum of the parts. Based on the intensity, duration, and nature of a conflict, the ESF can be expanded to include numerous ESGs, CSGs, and other maritime assets increasing the reach, combat power, and sustainment of a sea based force. While it may appear on the surface this type of build-up of Naval power is not new, the relationships exploited, command structure, and actual organization of the force is.

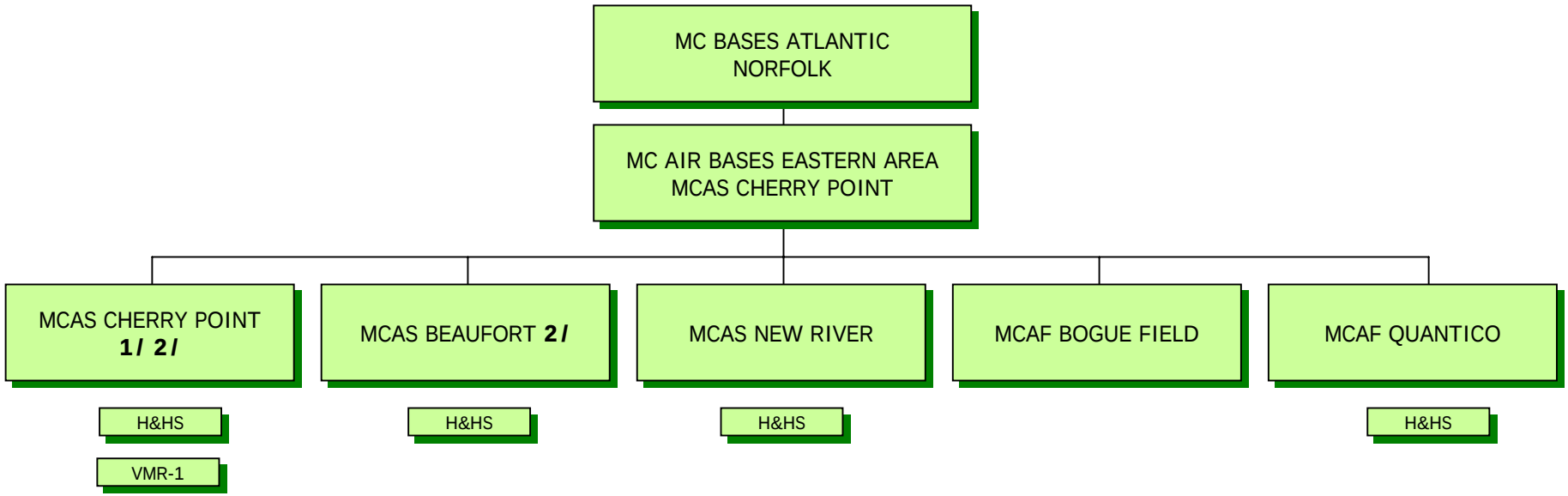
As a result, requirements to support fires, maneuver and sustainment from the sea base are emergent, and will undoubtedly result in changes in our Aviation structure and organization. These changes should not be viewed as a threat, but rather as an opportunity to meet the challenges of tomorrow today, avoiding as much chaos as possible.

MARFORLANT/2ND MAW ORGANIZATIONAL CHART (1 JUN 04)



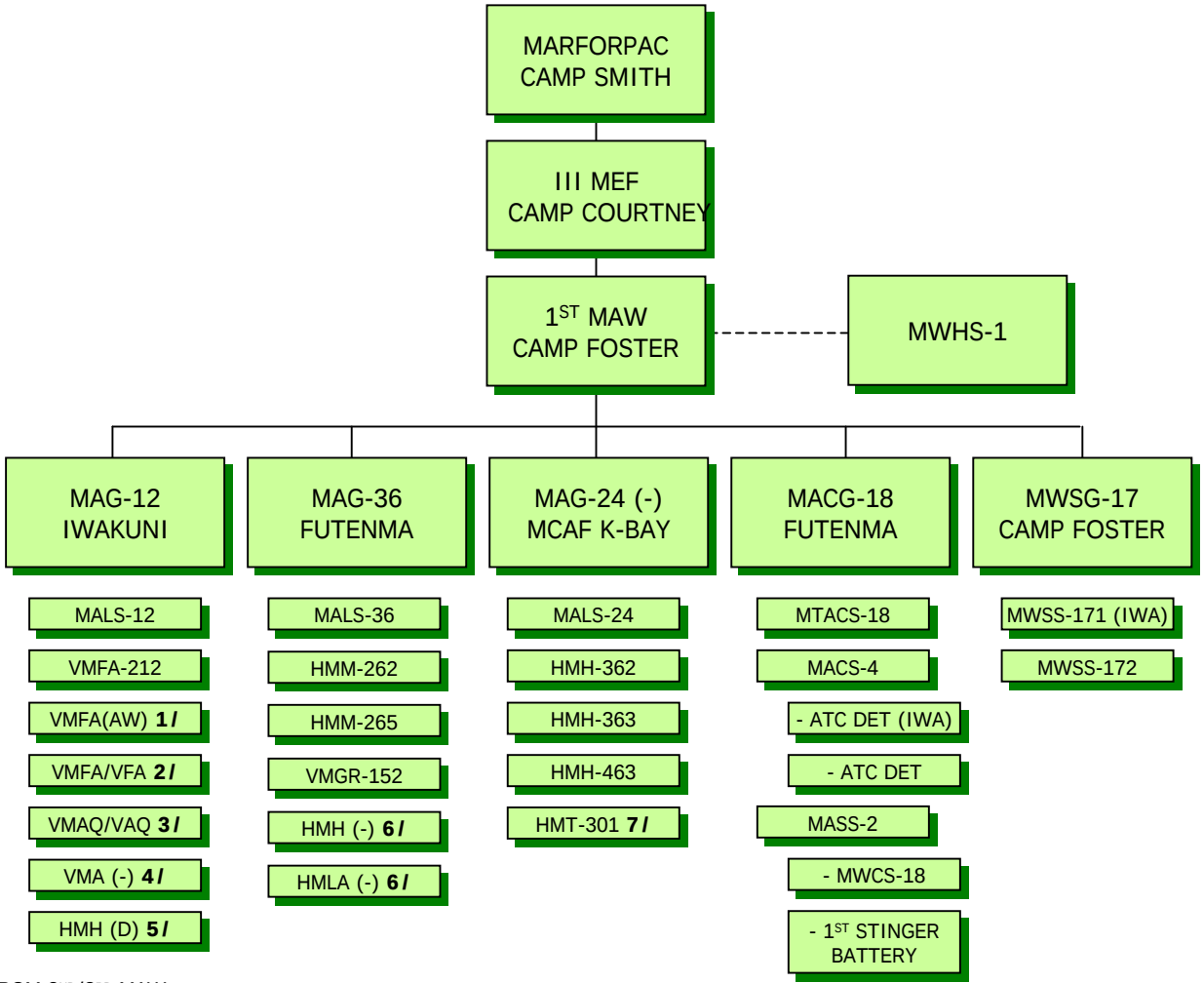
NOTE:
1/USN FA-18C SQUADRONS STATIONED AT MCAS BEAUFORT.

MARINE CORPS BASES ATLANTIC ORGANIZATIONAL CHART (1 JUN 04)



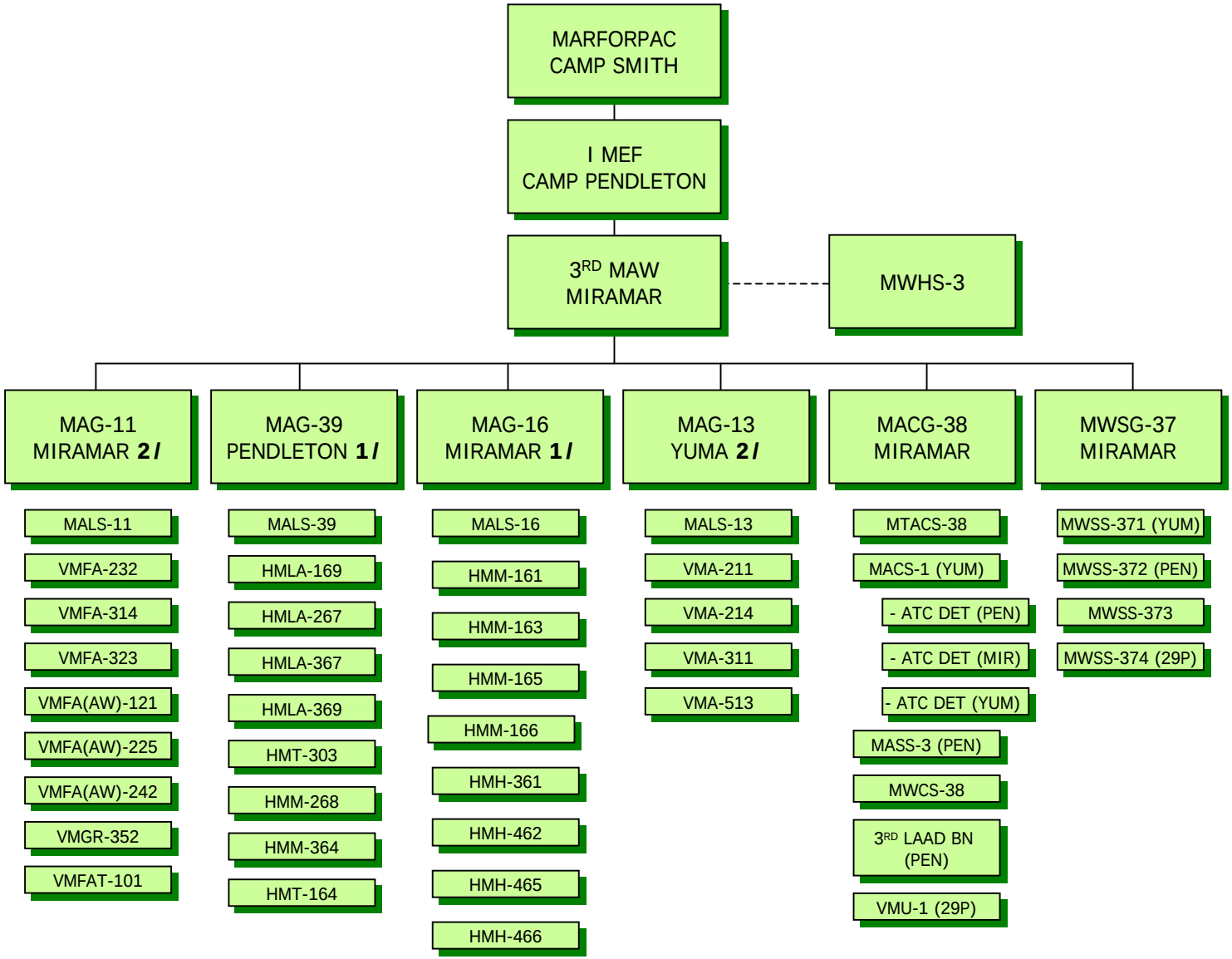
NOTES:
1/LONG RANGE PLANNING --- 2 X USN FA-18E/F PCS DURING FY-08.
2/LONG RANGE PLANNING --- JSF TRANSITION, SINGLE OR DUAL SITE.

MARFORPAC / 1ST MAW ORGANIZATIONAL CHART (1 JUN 04)



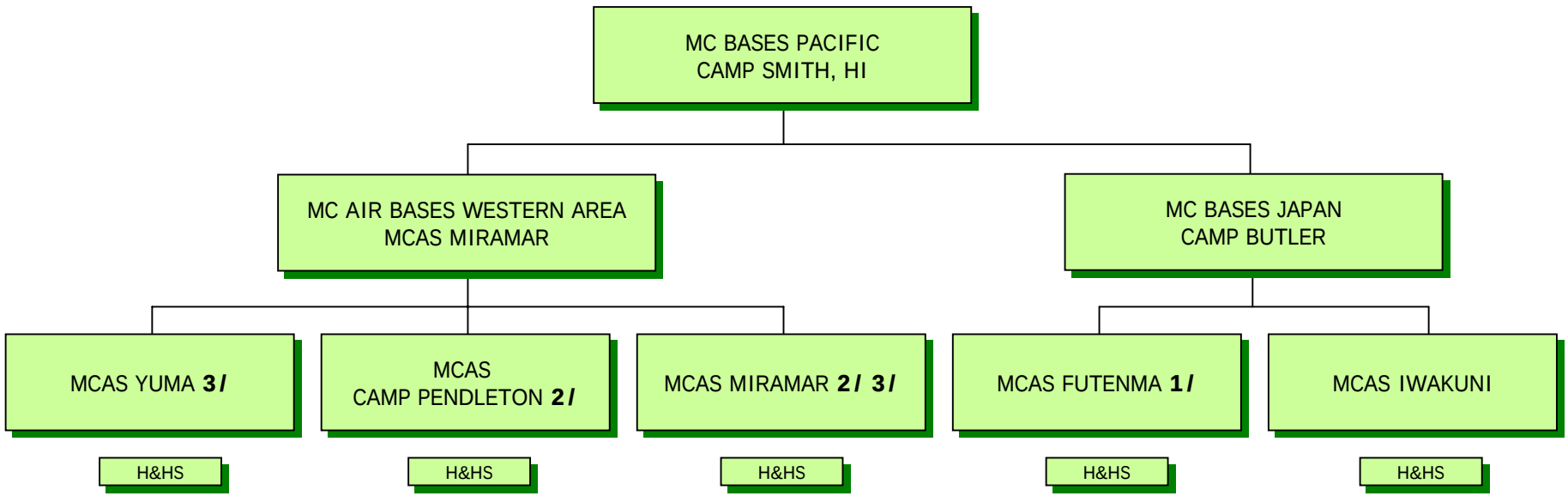
NOTE:
1/UDP SQUADRON SOUCRED FROM 2ND/3RD MAW.
2/UDP SQUADRON SOURCED FROM 2ND/3RD MAW OR USN.
3/UDP SQUADRON SOURCED THROUGH GMFP (USN/USMC SQUADRON).
4/UDP 6 AIRCRAFT DET ISO 31ST MEU.
5/UDP SQUADRON SOURCED FROM MAG-24.
SEE REF (B) FOR UDP SCHEDULE.
6/UDP SQUADRON SOURCED FROM 3RD MAW.
7/MROC HAS APPROVED THE PROPOSAL OF CONSOLIDATING CH-53D (HMT-301) AND CH-53E (HMT-302) FRS'S INTO ONE SQUADRON LOCATED AT MCAS NEW RIVER BEGINNING IN FY-06 (MROC DM 46-2004).

MARFORPAC / 3RD MAW ORGANIZATIONAL CHART (1 JUN 04)



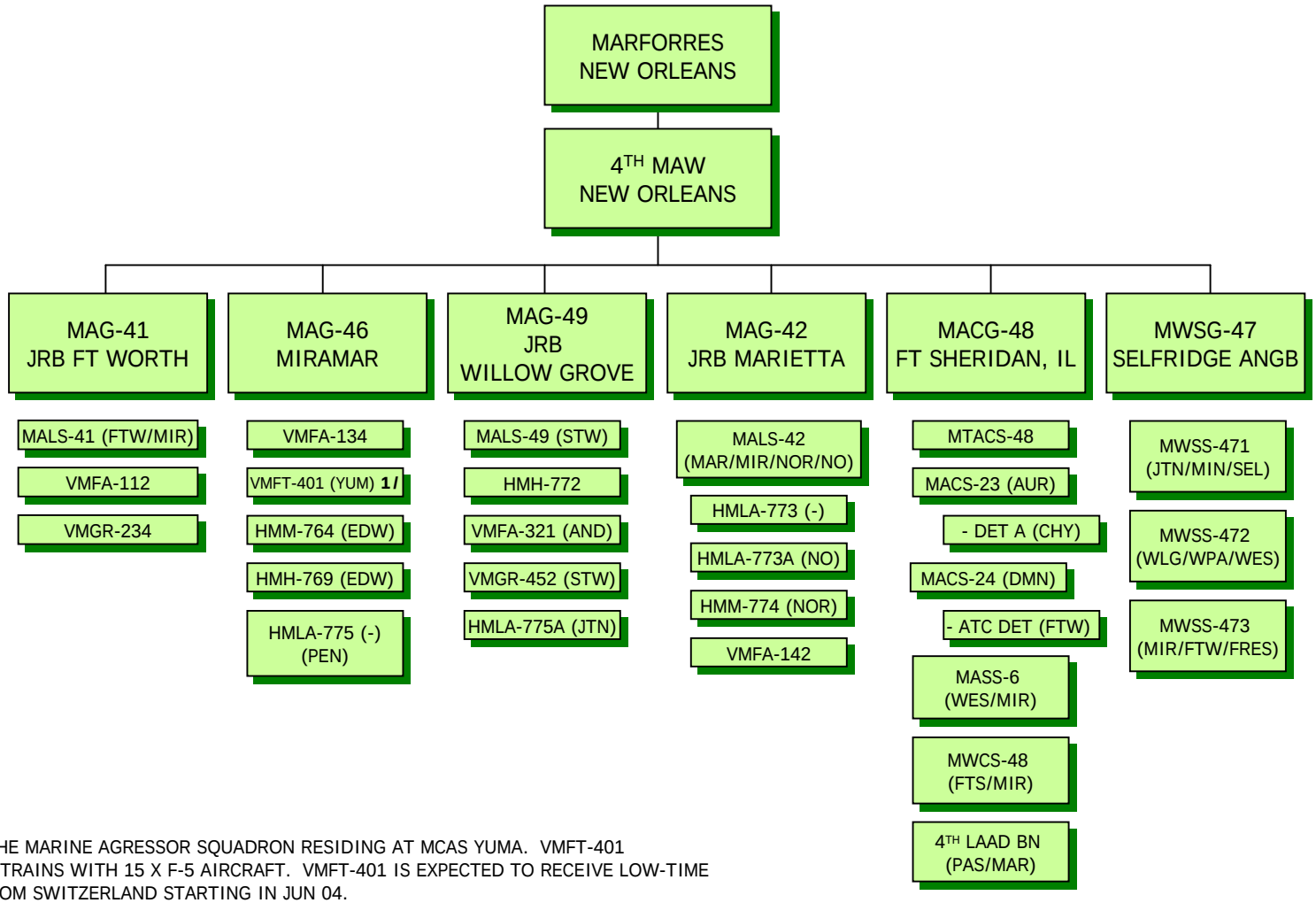
NOTES:
1/LONG RANGE PLANNING --- MV-22 TRANSITION, SINGLE OR DUAL SITE.
2/LONG RANGE PLANNING --- JSF TRANSITION, SINGLE OR DUAL SITE.

MARINE CORPS BASES PACIFIC ORGANIZATIONAL CHART (1 JUN 04)



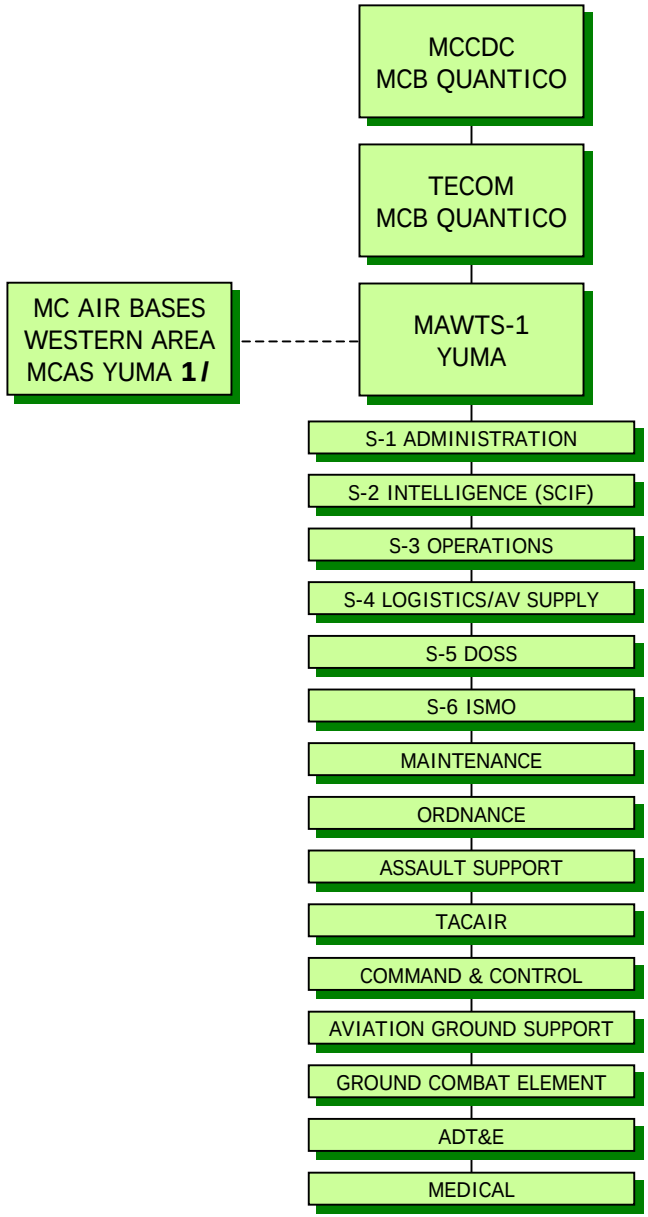
NOTES:
1/CURRENT PLANNING --- PACOM MCAS FUTENMA FEASIBILITY STUDY ON-GOING.
2/LONG RANGE PLANNING --- MV-22 TRANSITION, SINGLE OR DUAL SITE.
3/LONG RANGE PLANNING --- JSF TRANSITION, SINGLE OR DUAL SITE.

MARFORRES / 4TH MAW ORGANIZATIONAL CHART (1 JUN 04)



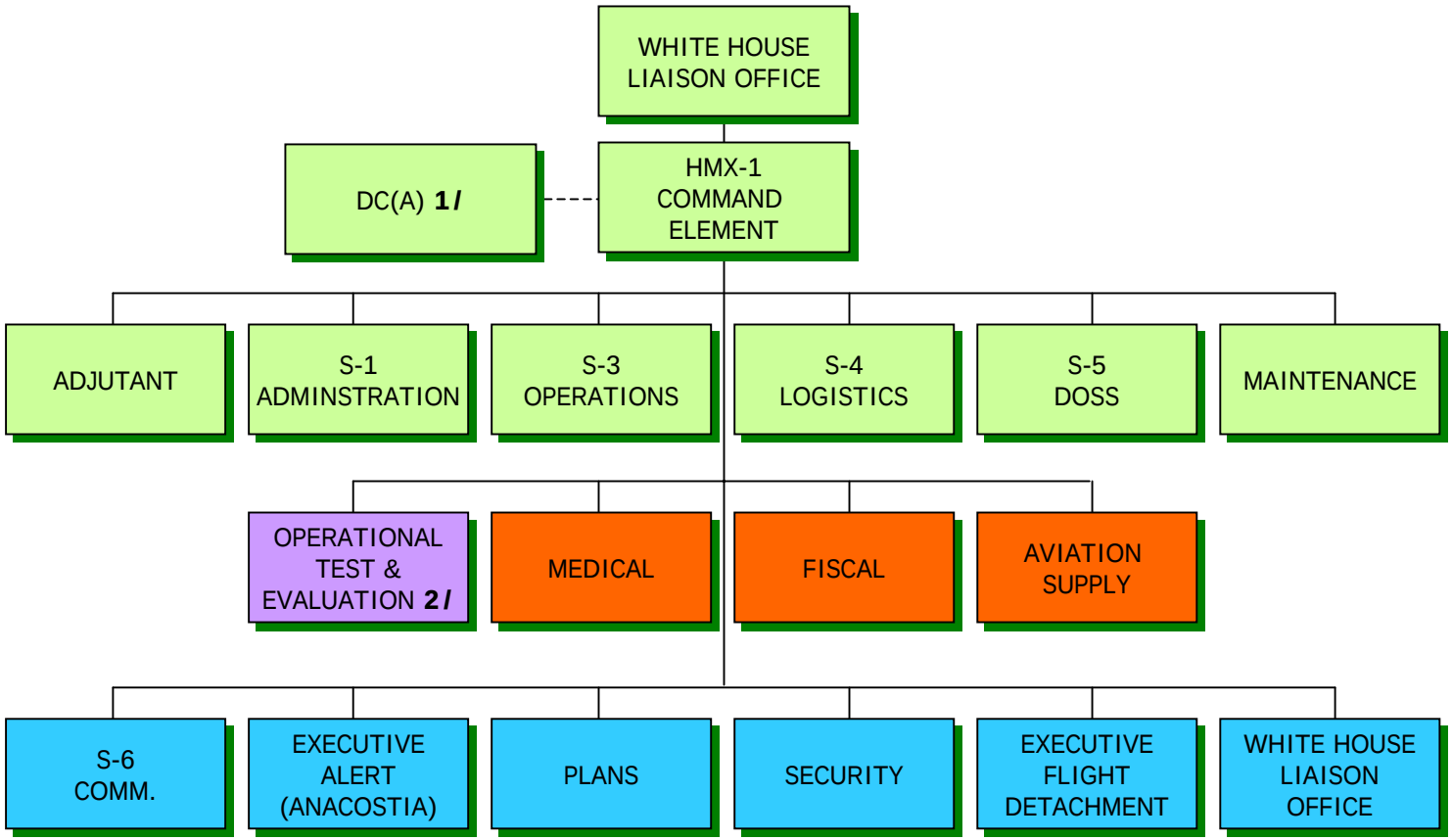
NOTE:
1/VMFT-401 IS THE MARINE AGRESSOR SQUADRON RESIDING AT MCAS YUMA. VMFT-401 MAINTAINS AND TRAINS WITH 15 X F-5 AIRCRAFT. VMFT-401 IS EXPECTED TO RECEIVE LOW-TIME F-5 AIRCRAFT FROM SWITZERLAND STARTING IN JUN 04.

MARINE AVIATION WEAPONS AND TACTICS SQUADRON ONE ORGANIZATIONAL CHART (1 JUN 04)



NOTE:
1/FISCAL/COMPTROLLER SUPPORT.

MARINE HELICOPTER SQUADRON ONE ORGANIZATIONAL CHART (1 JUN 04)



NOTE:
1/ADCON.
2/CURRENTLY UNDER EVALUATION.

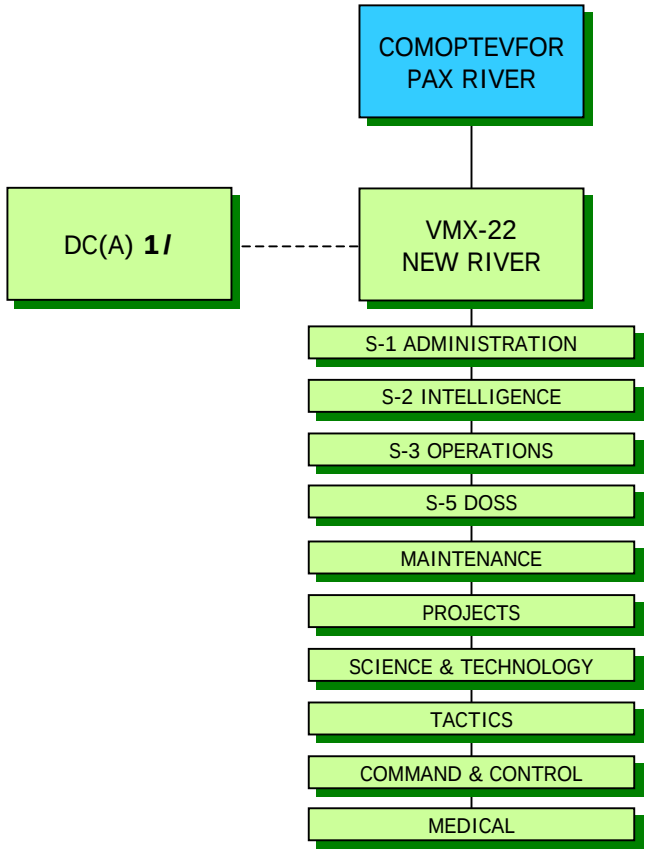
INHERENT TO MARINE SQUADRON

UNIQUE TO HMX-1

UNIQUE TO MARINE AIRCRAFT GROUP

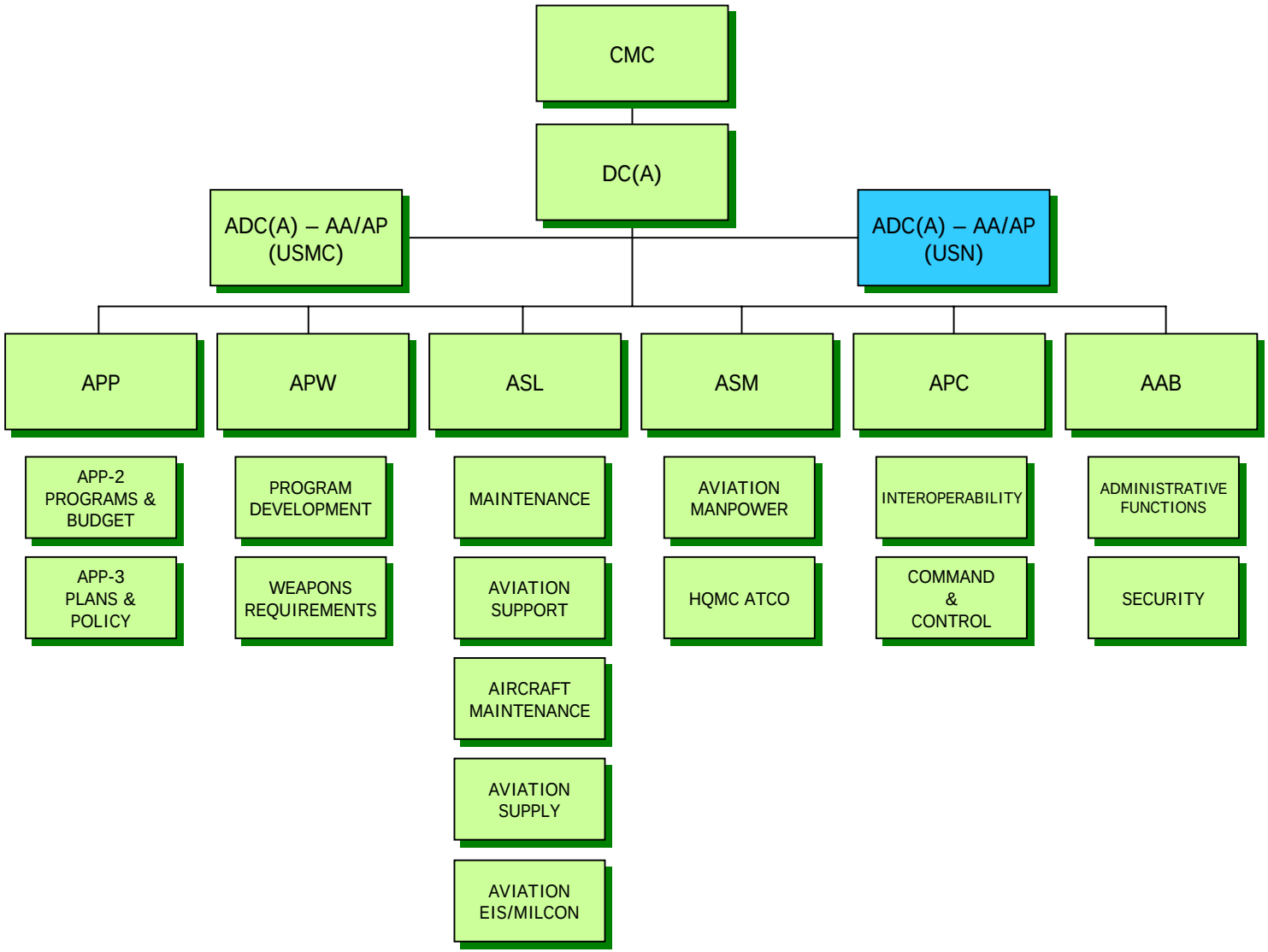
UNIQUE TO SUPPORT WHMO

MARINE TILTROTOR TEST AND EVALUATION SQUADRON TWENTY-TWO ORGANIZATIONAL CHART (1 JUN 04)

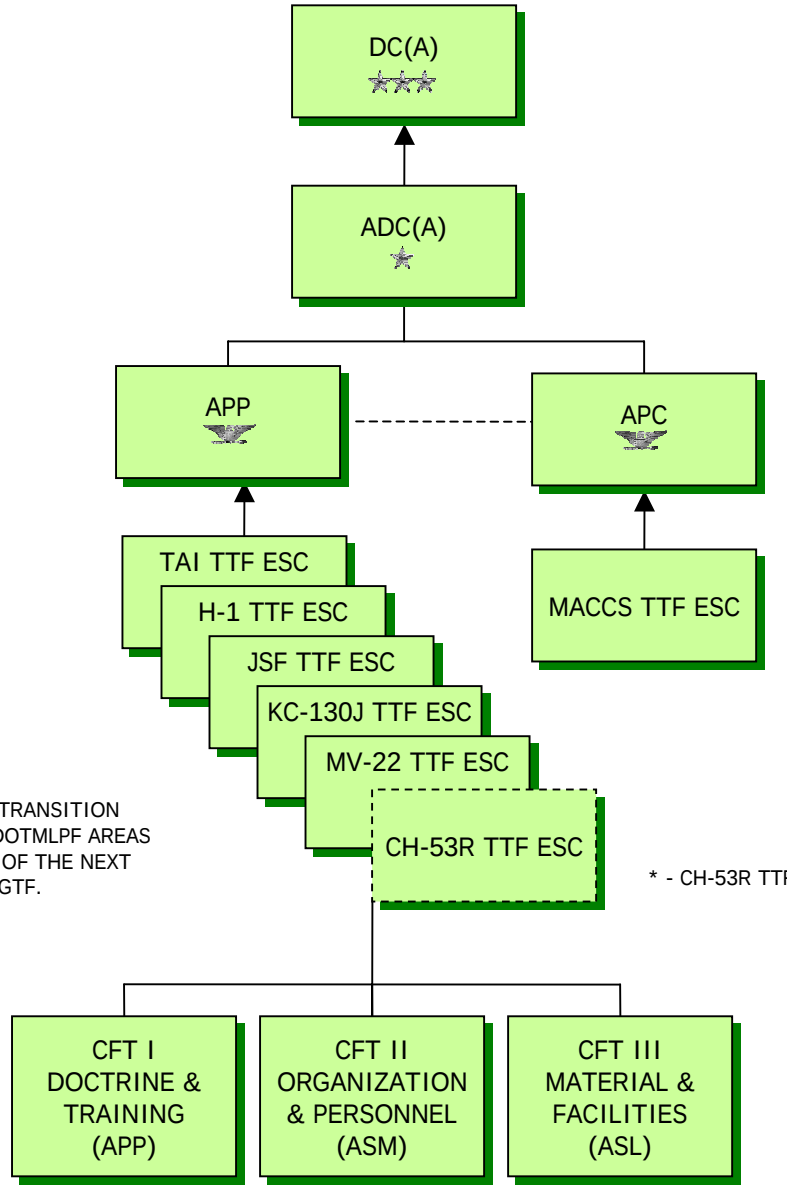


NOTE:
1/ADCON.

HEADQUARTERS MARINE CORPS AVIATION ORGANIZATIONAL CHART (1 JUN 04)



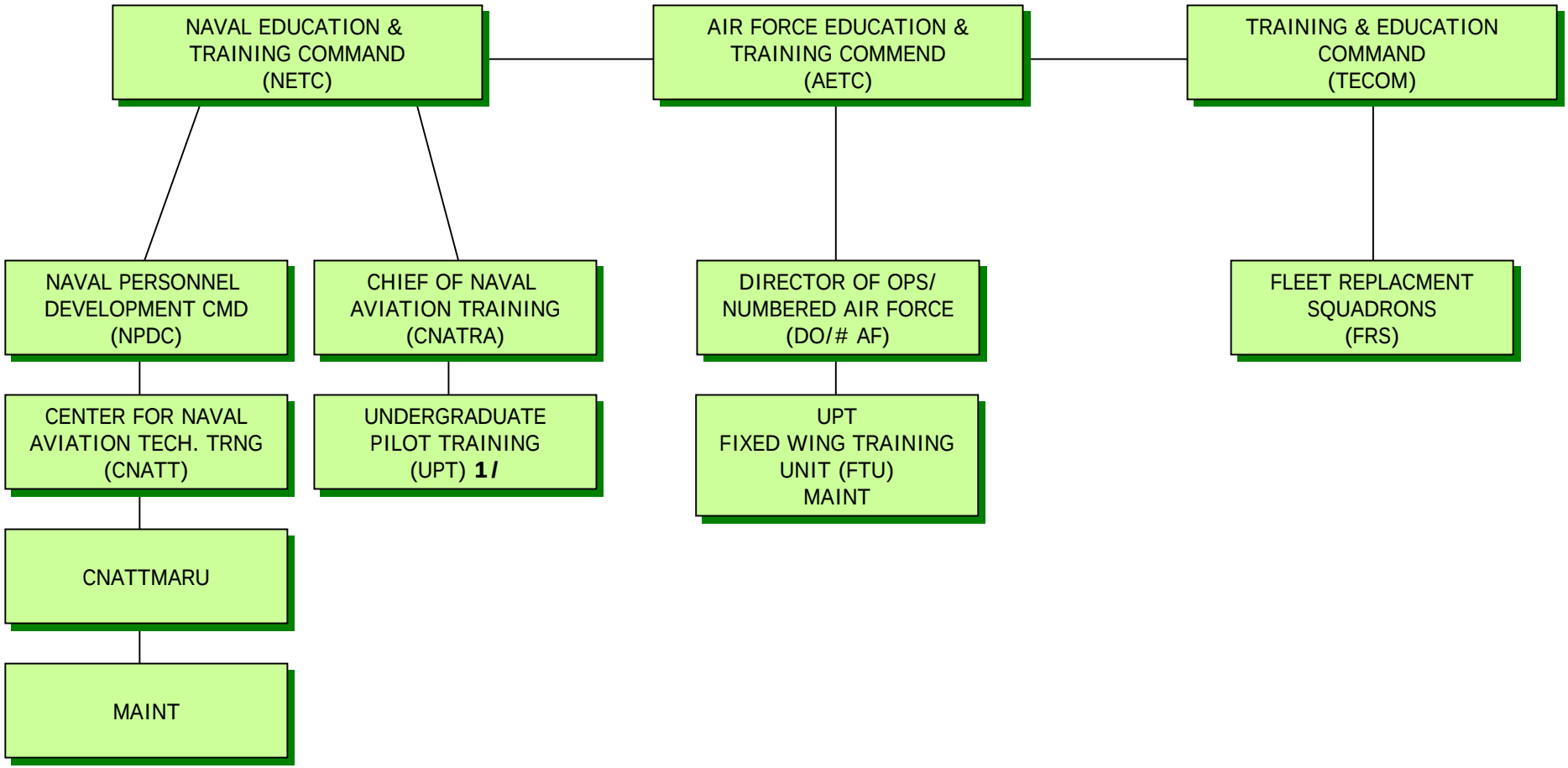
MARINE AVIATION TRANSITION TASK FORCE (TTF) ORGANIZATIONAL CHART (1 JUN 04)



NOTE:
1/TTF MISSION STATEMENT:TTF'S WILL DEVELOP TRANSITION PLANS THAT WILL IMPLEMENT CHANGES TO THE DOTMLPF AREAS (AS REQUIRED) ASSOCIATED WITH THE FIELDING OF THE NEXT GENERATION OF AIRCRAFT/SYSTEMS FOR THE MAGTF.

* - CH-53R TTF STAND UP TBD

MARINE AVIATION TRAINING ORGANIZATIONAL CHART (1 JUN 04)



NOTE:
1/LONG RANGE PLANNING --- STUDIES JUSTIFY PLACING TILTROTOR TRAINING IN THE UPT PIPELINE.

MARINE AVIATION COMMAND & CONTROL SYSTEM:

- MARINE AIR CONTROL GROUP (MACG): COORDINATE ALL ASPECTS OF AIR COMMAND AND CONTROL AND AIR DEFENSE WITHIN THE MARINE AIRCRAFT WING. PROVIDE THE COMMAND AND STAFF FUNCTIONS FOR THE MACG COMMANDER WHEN DEPLOYED AS PART OF THE AVIATION COMBAT ELEMENT (ACE) OF THE MARINE AIR-GROUND TASK FORCE (MAGTF).

- MARINE TACTICAL AIR COMMAND SQUADRON (MTACS): PROVIDE EQUIPMENT, MAINTENANCE, AND OPERATIONS FOR THE TACTICAL AIR COMMAND CENTER (TACC) OF THE AVIATION COMBAT ELEMENT (ACE), AS A COMPONENT OF THE MARINE AIR-GROUND TASK FORCE (MAGTF). EQUIP, MAN, OPERATE, AND MAINTAIN THE CURRENT OPERATIONS SECTION OF THE TACC. PROVIDE AND MAINTAIN A FACILITY FOR THE TACC FUTURE OPERATIONS SECTION; AND INSTALL AND MAINTAIN ASSOCIATED AUTOMATED SYSTEMS.

- MARINE AIR CONTROL SQUADRON (MACS): PROVIDE AIR SURVEILLANCE AND THE CONTROL OF AIRCRAFT AND SURFACE-TO-AIR WEAPONS FOR ANTIAIR WARFARE; CONTINUOUS ALL-WEATHER RADAR AND NON-RADAR ATC SERVICES, AND AIRSPACE MANAGEMENT IN SUPPORT OF A MARINE AIR-GROUND TASK FORCE (MAGTF).

- MARINE AIR SUPPORT SQUADRON (MASS): PROVIDE DIRECT AIR SUPPORT CENTER (DASC) CAPABILITIES FOR CONTROL AND COORDINATION OF AIRCRAFT OPERATING IN DIRECT SUPPORT OF MARINE AIR-GROUND TASK FORCE (MAGTF) FORCES.

- LOW ALTITUDE AIR DEFENSE (LAAD): TO PROVIDE CLOSE-IN, LOW ALTITUDE, SURFACE-TO-AIR WEAPONS FIRES IN DEFENSE OF MARINE AIR-GROUND TASK FORCE (MAGTF) ASSETS DEFENDING FORWARD COMBAT AREAS, MANEUVER FORCES, VITAL AREAS, INSTALLATIONS, AND/OR UNITS ENGAGED IN SPECIAL/INDEPENDENT OPERATIONS.

- MARINE WING COMMUNICATIONS SQUADRON (MWCS): PROVIDE EXPEDITIONARY COMMUNICATIONS FOR THE AVIATION COMBAT ELEMENT (ACE) OF A MARINE EXPEDITIONARY FORCE (MEF), INCLUDING THE PHASED DEPLOYMENT OF TASK-ORGANIZED ELEMENTS THEREOF.

- THE CONTROL OF AIRCRAFT AND MISSILES INTEGRATES THE OTHER FIVE FUNCTIONS OF MARINE AVIATION BY PROVIDING THE COMMANDER THE ABILITY TO EXERCISE COMMAND AND CONTROL AUTHORITY OVER MARINE AVIATION ASSETS. THE OVERARCHING OPERATIONAL GOAL FOR MARINE AVIATION'S C2 CAPABILITY IS TO DEVELOP BATTLESPACE AWARENESS THROUGH THE EFFECTIVE LINKING OF C2 PLATFORMS, SENSORS, WEAPONS, AVIATION PLATFORMS, AND WARRIORS TO BRING ABOUT THE MASSING OF DESIRED EFFECTS IN A TIMELY MANNER. THE OBJECTIVE IS TO GET THE MOST OUT OF ALL THE ASSETS AVAILABLE TO THE MARINE AIR GROUND TASK FORCE (MAGTF); FOCUSED THROUGH THE AVIATION COMBAT ELEMENT (ACE) IN SUPPORT OF THE MAGTF IN NAVAL AND JOINT OPERATIONS.

- THE MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS) WILL CONTINUE AS THE PREMIER EXPEDITIONARY COMMAND AND CONTROL (C2) CAPABILITY RESIDENT IN DOD, ENABLING TIMELY DECISION-MAKING AND EXECUTION IN A NETWORKED ENVIRONMENT. FLEXIBLE AND SUSTAINABLE, AVIATION C2 WILL BE CHARACTERIZED BY MODULAR, SCALEABLE AND MOBILE WARFIGHTING CAPABILITIES WITHIN A FAMILY OF SYSTEMS (FOS) THAT INTEGRATE NAVAL AVIATION ACROSS THE SPECTRUM OF CONFLICT.

- FIELDING PLANS FOR ALL THE NEW EQUIPMENT IS REPRESENTATIVE ONLY, AND CAN BE MODIFIED BASED ON THE DESIRES OF THE OPERATING FORCES AND INTRODUCTION PRIORITIES. FUNDING PROFILES CAN CHANGE AND COULD IMPACT THE DELIVERY TIMELINES OUTLINED IN THIS AVPLAN.

MARINE TACTICAL AIR COMMAND SQUADRON (MTACS) PLAN

CURRENT FORCE: 8 MSCS
16 TBMCS

FORCE GOAL: 8 CAC2S
16 TBMCS

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MACG-18 FUT																																									
MTACS-18	MSCS/TBMCS/C2																					C			V																
MACG-28 CP																																									
MTACS-28	MSCS/TBMCS/C2																	C			V																				
MACG-38 MIR																																									
MTACS-38	MSCS/TBMCS/C2													C			V																								
MACG-48 ILL																																									
MTACS-48 FST	MSCS/TBMCS/C2																					C			V																

C = CAC2S ASN TRANSITION BEGINS
V = TRANSITION COMPLETE

* CTN IS INCLUDED IN THE CAC2S TRANSITION

FY	04	05	06	07	08	09	10	11	12	13
TOTAL EQUIPMENT (AC/RC)										
MSCS	8	8	8	8	6	4	0	0	0	0
TBMCS	16	16	16	16	16	16	16	16	16	16
CAC2S	0	0	0	0	2	4	8	8	8	8
TOTAL	**24**	**24**	**24**	**24**	**24**	**24**	**24**	**24**	**24**	**24**

GENERAL NOTE: TRANSITION PLAN AS DEPICTED IS NOTIONAL BY UNIT AND LOCATION PENDING MACCS TTF RECOMMENDATION TO DC(A).

MARINE AIR SUPPORT SQUADRON (MASS) PLAN

CURRENT FORCE: 8 DASC
6 DASC (A)
2 DASC (AS)

FORCE GOAL: 8 CAC2S ASN
8 CAC2S ASN (A)

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MACG-18 FUT																																									
MASS-2	2 DASC													C1			V																								
	2 DASC (A)	C2			V									C3			V																								
MACG-28 CP																																									
MASS-1	2 DASC																	C1			V																				
	2 DASC (A)					C2			V									C3			V																				
MACG-38 MIR																																									
MASS-3	2 DASC													C1			V																								
	2 DASC (A)	C2			V									C3			V																								
MACG-48 ILL																																									
MASS-6A MA	1 DASC																	C1			V																				
	1 DASC (A)					C2			V									C3			V																				
MASS-6B MIR	1 DASC																	C1			V																				
	1 DASC (A)									C2			V									C3			V																

C1 = CAC2S ASN TRANSITION BEGINS
C2 = DASC (AS) TRASITION BEGINS
C3 = CAC2S ASN (A) TRANSITION BEGINS
V = TRANSITION COMPLETE

* CTN IS INCLUDED IN THE CAC2S TRANSITION

FY	04	05	06	07	08	09	10	11	12	13
TOTAL EQUIPMENT (AC/RC)										
DASC	8	8	8	4	0	0	0	0	0	0
DASC (A)	6	0	0	0	0	0	0	0	0	0
DASC (AS)	2	8	8	4	1	0	0	0	0	0
CAC2S ASN	0	0	0	4	8	8	8	8	8	8
CAC2S ASN (A)	0	0	0	4	7	8	8	8	8	8
TOTAL	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**	**16**

GENERAL NOTE: TRANSITION PLAN AS DEPICTED IS NOTIONAL BY UNIT AND LOCATION PENDING MACCS TTF RECOMMENDATION TO DC(A).

MARINE AIR CONTROL SQUADRON (MACS) PLAN

CURRENT FORCE: 28 TOAM 9 TACAN
8 TPS-59 16 CCS
7 TPS-63 6 ADCP
9 TPS-73 12 CWAR
9 TPN-22

FORCE GOAL: 24 CAC2S 9 TACAN
17 MRRS
9 OC/CS
8 HELRASR
9 TPN-32

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MACG-18 FUT																																									
MACS-4	2 TPS-59																																								
	2 TPS-63																																	M			V				
	2 TPS-73																																								
	3 CWAR																									M			V												
	6 TAOMS																					C			V																
	2 TPN-22																					T			V																
	3 TACAN																																								
	4 CCS																					O			V																
	2 ADCP																					O			V																
MACG-28 CP																																									
MACS-2	2 TPS-59																																					H			V
	2 TPS-63																													M			V								
	2 TPS-73																					T1			V																
	3 CWAR																																								
	6 TAOMS																	C			V																				
	3 TPN-22																	T			V																				
	3 TACAN																																								
	6 CCS																	O			V																				
	2 ADCP																	C			V																				
MACG-38 YUM																																									
MACS-1	2 TPS-59																																			M			V			
	1 TPS-63																									M			V												
	3 TPS-73													T1			V																								
	3 CWAR																																								
	6 TAOMS													C			V																								
	3 TPN-22													T			V																								
	3 TACAN																																								
	6 CCS													O			V																								
	2 ADCP													C			V																								

M = MRRS TRANSITION BEGINS
C = CAC2S TRANSITION BEGINS
H = HELRASR TRANSITION BEGINS

O = OS/CS TRANSITION BEGINS
T = TPN-32 TRANSITION BEGINS
T1 = TPS-79 TRANSITION BEGINS
V = TRANSITION COMPLETE

= NO CAPABILITY - AWAITING DISPOSITION

* TPS-79 WILL BE REPLACED BY MRRS INCREMENT IV AFTER 2015

* CTN IS INCLUDED IN THE CAC2S TRANSITION

MARINE AIR CONTROL SQUADRON (MACS) PLAN

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MACG-48																																									
MACS-23 AUR	1 TPS-59																																								
	1 TPS-63																																				M				V
	3 TAOMS																													C			V								
MACS-24 DMN	1 TPS-59																																								
	1 TPS-63																																				M				V
	1 TPS-73																													T1			V								
	3 TAOMS																													C			V								
	3 CWARS																																								
	1 TPN-22																																	T			V				
	1 TACAN																																								
	2 CCS																													O			V								
	2 ADCP																													C			V								

M = MRRS TRANSITION BEGINS
C = CAC2S TRANSITION BEGINS
H = HELRASR TRANSITION BEGINS

O = OS/CS TRANSITION BEGINS
T = TPN-32 TRANSITION BEGINS
T1 = TPS-79 TRANSITION BEGINS
V = TRANSITION COMPLETE

= NO CAPABILITY - AWAITING DISPOSITION

* TPS-79 WILL BE REPLACED BY MRRS INCREMENT IV AFTER 2015

* CTN IS INCLUDED IN THE CAC2S TRANSITION

GENERAL NOTE: TRANSITION PLAN AS DEPICTED IS NOTIONAL BY UNIT AND LOCATION PENDING MACCS TTF RECOMMENDATION TO DC(A).

LOW ALTITUDE AIR DEFENSE (LAAD) BATTALION PLAN

CURRENT FORCE: 1ST STINGER BTRY
2ND LAAD BN
3RD LAAD BN
4TH LAAD BN

FORCE GOAL: 65 CLAWS
120 MANPADS

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MACG-18 FUT																																									
1ST STINGER BTRY	CLAWS																											C		V						12 CLAWS AND 60 MANPADS			
	AVENGER									R (–30)																															
	MANPADS									M																										V					
MACG-28 CP																																									
2ND LAAD BN	CLAWS																																	C							V
	AVENGER									R (–60)																															
	MANPADS									M																										V					
MACG-38 MIR																																									
3RD LAAD BN	CLAWS									C																V				12 CLAWS AND 60 MANPADS									
	AVENGER									R (-60)																															
	MANPADS									M																										V					
MACG-48 ILL																																									
4TH LAAD BN	CLAWS																																								
	AVENGER									R (-60)																															
	MANPADS									M																										V					M

R = REDUCTION
C = CLAWS TRANSITION BEGINS
V = TRANSITION COMPLETE
M= MANPADS TRANSITION BEGINS

GENERAL NOTE: TRANSITION PLAN AS DEPICTED IS NOTIONAL BY UNIT AND LOCATION PENDING MACCS TTF RECOMMENDATION TO DC(A).

BY FY 15, EACH MEF WILL BE EQUIPPED WITH 12 CLAWS AND 60 MANPADS

MARFORRES WILL BE EQUIPPED WITH 24 CLAWS AND 60 MANPADS. TRANSITION COMPLETE BY FY 15

FY	04	05	06	07	08	09	10	11	12	13
TOTAL EQUIPMENT (AC/RC)										
MANPADS	120	120	180	240	240	240	240	240	240	240
AVENGERS	210	210	150	90	45	0	0	0	0	0
CLAWS	0	0	6	6	6	6	13	19	25	38
TOTAL	**330**	**330**	**336**	**336**	**291**	**246**	**253**	**259**	**265**	**278**

MARINE ROTARY WING/TILTROTOR AVIATION:

- MARINE MEDIUM HELICOPTER SQUADRON (HMM): PROVIDE ASSAULT SUPPORT TRANSPORT OF COMBAT TROOPS, SUPPLIES AND EQUIPMENT DURING EXPEDITIONARY, JOINT, OR COMBINED OPERATIONS.

- MARINE MEDIUM TILTROTOR SQUADRON (VMM): PROVIDE THOSE APPLICABLE TASKS OF THE ASSAULT SUPPORT FUNCTION OF MARINE AVIATION ACROSS THE SPECTRUM OF EXPEDITIONARY OPERATIONS IN SUPPORT OF THE MAGTF.

- MARINE HEAVY HELICOPTER SQUADRON (HMH): PROVIDE ASSAULT SUPPORT TRANSPORT OF HEAVY WEAPONS, EQUIPMENT AND SUPPLIES DURING EXPEDITIONARY, JOINT, OR COMBINED OPERATIONS.

- MARINE LIGHT/ATTACK HELICOPTER SQUADRON (HMLA): PROVIDE OFFENSIVE AIR SUPPORT, UTILITY SUPPORT, ARMED ESCORT AND AIRBORNE SUPPORTING ARMS COORDINATION DURING EXPEDITIONARY, JOINT, OR COMBINED OPERATIONS.

- MV-22:
  - DEVELOPMENTAL TEST: ONGOING --- MOVES TO OPEVAL 2ND QTR OF FY-05.
  - OPERATIONAL TEST/OPEVAL: 2ND & 3RD QTR OF FY-05.
  - INITIAL OPERATING CAPABILITY: WILL BE ACHIEVED DURING FY-07 WHEN THE FIRST VMM SQUADRON HAS AN OPERATIONAL CAPABILITY TO INCLUDE TWELVE BLOCK-B AIRCRAFT AND A COMPLETE SET OF LOGISTICS RESOURCES REQUIRED FOR ORGANIZATIONAL AND INTERMEDIATE LEVEL MAINTENANCE FOR THE AIRCRAFT AND ITS SYSTEMS.

- UH-1Y:
  - DEVELOPMENTAL TEST: ONGOING --- MOVES TO OPEVAL 4TH QTR OF FY-04.
  - OPERATIONAL TEST/OPEVAL: 1ST AND 2ND QTRS FY-05.
  - INITIAL OPERATING CAPABILITY: WILL BE ACHIEVED DURING FY-08 WHEN THE FIRST HMLA RECEIVES A THREE AIRCRAFT UH-1Y DETACHMENT WITH REQUIRED SUPPORT EQUIPMENT, TECHNICAL PUBLICATIONS, TRAINED MAINTENANCE PERSONNEL AND TRAINED AIRCREW, TO INCLUDE INITIAL SPARES WITH INTERIM REPAIR SUPPORT IN PLACE AND IS CAPABLE OF DEPLOYING FOR OPERATIONAL COMMITMENTS.

- AH-1Z:
  - DEVELOPMENTAL TEST: ONGOING --- MOVES TO OPEVAL 4TH QTR OF FY-04.
  - OPERATIONAL TEST/OPEVAL: 1ST AND 2ND QTRS FY-05.
  - INITIAL OPERATING CAPABILITY: WILL BE ACHIEVED DURING FY-10 WHEN THE FIRST HMLA RECEIVES A SIX AIRCRAFT AH-1Z DETACHMENT WITH REQUIRED SUPPORT EQUIPMENT, TECHNICAL PUBLICATIONS, TRAINED MAINTENANCE PERSONNEL AND TRAINED AIRCREW, TO INCLUDE INITIAL SPARES WITH INTERIM REPAIR SUPPORT IN PLACE AND IS CAPABLE OF DEPLOYING FOR OPERATIONAL COMMITMENTS.

- CH-53 REPLACEMENT:
  - ANALYSIS OF ALTERNATIVES (AoA) COMPLETE
  - OPERATIONAL REQUIREMENTS DOCUMENT (ORD) APPROVED BY MROC
  - JROC FINAL STAFFING OF ORD UNDERWAY

MARINE MEDIUM HELICOPTER/TILTROTOR (HMM/HMH(D)/VMM) PLAN

CURRENT FORCE: 14 AC SQDN X 12 CH-46E
2 RC SQDN X 12 CH-46E
3 AC SQDN X 8 CH-53D
1 AC FRS X 18 CH-46E
1 AC FRS X 0 MV-22
1 AC FRS X 6 CH-53D

FORCE GOAL: 18 AC SQDN X 12 MV-22B
4 RC SQDN X 12 X MV-22B
1 AC SQDN X 20 MV-22A

UNIT/LOCATION	PAA	04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MAG-16 MIR																																									
HMM-161	12 CH-46E																					M			V																	
HMM-163	12 CH-46E																						M			V															
HMM-165	12 CH-46E																									M			V												
HMM-166	12 CH-46E																											M			V										
MAG-24 K-BAY																																									
HMH-362	8 CH-53D									P +2 = 10																															
HMH-363	8 CH-53D									P +2 = 10																															
HMH-463	8 CH-53D									P +2 = 10																															
HMT-301 (**1/**)	6 CH-53D									D																															
MAG-26 NR																																									
HMM-261	12 CH-46E									M			V																												
HMM-264	12 CH-46E										M			V																											
HMM-266	12 CH-46E													M			V																								
VMMT-204 (**2/**)	MV-22A	M			V																																				
MAG-29 NR																																									
HMM-162	12 CH-46E														M			V																							
HMM-263	12 CH-46E																	M			V																			
HMM-365	12 CH-46E																		M			V																		
MAG-36 FUT																																									
HMM-262	12 CH-46E																																			M			V			
HMM-265	12 CH-46E																																							M		V
MAG-39 PEN																																									
HMM-268	12 CH-46E																															M			V						
HMM-364	12 CH-46E																																M			V					
HMT-164 (**3/**)	18 CH-46E																																		M			V			
MAG-46 MIR																																									
HMM-764 EDW	12 CH-46E																																								
MAG-42 ATL																																									
HMM-774 NFK	12 CH-46E																																								

M = MV-22 TRANSITION BEGINS
V = TRANSITION COMPLETE
D = DEACTIVATION
P = PLUS-UP IN PAA

GENERAL NOTE: TRANSITION PLAN AS DEPICTED IS DC(A) APPROVED BY LOCATION; INDIVIDUAL UNITS ARE NOTIONAL PENDING MARFOR/MAW OPERATIONAL/DEPLOYMENT ROTATION INPUT.

MARINE MEDIUM HELICOPTER/TILTROTOR (HMM/HMH(D)/VMM) PLAN

SPECIFIC NOTES:
1/MROC HAS APPROVED THE PROPOSAL OF CONSOLIDATING CH-53D (HMT-301) AND CH-53E (HMT-302) FRS'S INTO ONE SQUADRON LOCATED AT MCAS NEW RIVER BEGINNING IN FY-06 (MROC DM 46-2004).
2/VMMT-204 READY FOR TRAINING (RFT) 1ST QTR FY-06.
3/HMT-164 WILL CONVERT TO VMM SQUADRON UPON COMPLETION OF CH-46E FRS MISSION.

LONG RANGE PLANNING:
• DURING FY-04 HQMC/MARFORPAC WILL CONDUCT FEASIBILITY STUDY TO DETERMINE EFFICACY OF RELOCATING CH-53DS TO MCAS FUTENMA AND RELOCATING CH-46ES TO MCAF KANEOHE BAY. INTENT IS TO PROVIDE INCREASED MEDIUM LIFT CAPABILITY IN WESTPAC FOR III MEF/1ST MAW UNTIL MV-22 TRANSITION IS COMPLETE.
• FUTURE STUDY REQUIRED TO DETERMINE IF 3RD MAW MV-22 LAYDOWN WILL BE DUAL-SITED OR SINGLE SITED. IMPACTS MCAS MIRAMAR AND MCAS CAMP PENDLETON BASE LOADING AND SIMULATOR REQUIREMENTS.
• CURRENT MV-22 PLAN OF RECORD (POR) CALLS FOR CH-53E RC SQUADRONS TO TRANSITION TO MV-22 VICE CH-53(R).

FY	04	05	06	07	08	09	10	11	12	13
TOTAL SQDNS/UNIT PMAA										
AC CH-46E	14-12	14-12	12-12	10-12	8-12	6-12	4-12	2-12	0-0	0-0
AC MV-22	0-0	0-0	2-12	4-12	6-12	8-12	10-12	12-12	14-12	14-12
RC CH-46E	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12
RC MV-22	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
AC CH-53D	3-8	3-8	3-10	3-10	3-10	3-10	3-10	3-10	3-10	2-10
CH-46E FRS	1-18	1-18	1-18	1-18	1-12	1-12	1-12	1-12	0-0	0-0
CH-53D FRS	1-6	1-6	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
MV-22A FRS	1-20	1-20	1-20	1-20	1-20	1-20	1-20	1-20	1-20	1-20

FY	04	05	06	07	08	09	10	11	12	13
PAA PLAN										
AC/RC PMAA										
CH-46E	192	192	168	144	120	96	72	48	24	24
CH-53D	24	24	30	30	30	30	30	30	30	16
MV-22B	0	0	24	48	72	96	120	144	168	180
TOTAL PMAA	**216**	**216**	**216**	**216**	**216**	**216**	**216**	**216**	**216**	**220**
FRS PTAA										
CH-46E	18	18	18	18	12	12	12	12	0	0
CH-53D	6	6	0	0	0	0	0	0	0	0
MV-22A	20	20	20	20	20	20	20	20	20	20
TOTAL FRS PTAA	**44**	**44**	**38**	**38**	**32**	**32**	**32**	**32**	**20**	**14**
TOTAL PAA	**260**	**260**	**254**	**254**	**248**	**248**	**248**	**248**	**236**	**240**

MARINE MEDIUM HELICOPTER/TILT ROTOR (HMM/HMH(D)/VMM) PLAN

		04				05				06				07				08				09				10				11				12				13			
SIMULATOR PLAN		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
TYPE/LOCATION	DEVICE																																								
CH-46E NR	APT 2F191																									REMOVAL															
CH-46E NR	WST 2F173-1	REMOVAL																																							
CH-46E PEN	APT 2F173-1																																								
CH-46E FUT	APR 2F172																					1																			
CH-46E WST	WST 2F173-1																																								
CH-53D K-BAY	APT 2F121	2																																							
MV-22 NR	FFS													2																											
MV-22 NR	FTD																	2																							
MV-22 NR	FFS																					2																			
MV-22 NR	FFS	2																																							
MV-22 NR	FTD					3																																		
MV-22 NR	FTD					3																																		
MV-22 MIR	FTD					3																																		
MV-22 MIR	FTD					3																																		
MV-22 PEN	FTD													3																											
MV-22 PEN	FTD													3																											
MV-22 FUT	FTD													3																											
MV-22 FUT	FTD													3																											
MV-22 K-BAY	FTD																					3																			
MV-22 K-BAY	FTD																					3																			

NOTES:
1/UPGRADE
2/VISUAL UPGRADE
3/MV-22 FTD BUILD

MV-22 TRANSITION TASK FORCE
CROSS FUNCTIONAL TEAM (CFT) WORKING ISSUES

CFT 1 (DOCTRINE & TRAINING)

- **Completed**
  - Simulators delivered- 3 Full Flight Simulators, 1 Flight Training Device (MCAS NR)
  - Training Implementation Plan (TIP) validation (Mar 04)
  - VMMT-204 Ready For Training (RFT) assessment (May 04)
    - Validated RFT plan
- **On-going**
  - Training support critical path (Jun 04)
    - Crew Resource Management (CRM)
    - Interactive Media Instruction
    - Curriculum review (T&R/STAN Manual/ NATOPS)
    - Mission planning tools
  - Additional mission planning stations (Jun 04)
  - Maintenance Training division (MTD) validation & funding (Jul 04)
  - Squadron selection and sequencing (Jul 04)
  - 2D MAW transition order-cost specific (Sep 04)
  - V-22 Joint training MOA (Sep 04)
  - Joint training MOA with CNATRA/AETC/TECOM (Sep 04)
- **Long Term**
  - Doctrinal Pub review (Post OPEVAL- Aug 05)
  - Phase III (1st sqdn deployment- completion of MCAS NR transition)

CFT 2 (ORGANIZATION & PERSONNEL)

- **Completed**
  - VMX-22, VMMT-204, and NAMTRAMARU staffing alignment w/manning ramp timeline (Dec 03)
  - CNATRA UPT instructor requirements and compensation/TOCR (Dec 03)
  - Transition conversion board (FEB 04)
    - 13 RW/ 3 FW
- **On-going**
  - VMM transition plan manpower requirements
    - VMM T/O realignment (Jun 04)
      - MOS/work center requirements balance
      - MOS grade shaping
    - Personnel sourcing/critical path (Jul 04)
    - Enlisted transition policy revision (Jul 04)
- **Long Term**
  - Transition conversion board (Dec 04)
  - Phase III (1st sqdn deployment- completion of MCAS NR transition)

CFT 3 (MATERIAL & FACILITIES)

- **Completed**
  - Environmental- 2D MAW Environmental Impact Statement (complete)
  - Aircraft waiver burn down plan (Dec 03)
  - VMX-22 aircraft acceptance procedures (Dec 03)
  - VMX-22/VMMT-204 aircraft transfer acceptance plan (May 04)
- **On-going**
  - Detachment sparing (Jun 04)
  - Block B supportability analysis (Jun 04)
  - Portable Electronic Display Device management plan (Jul 04)
  - VMMT-204 contractor maintenance support (Jul 04)
  - CH-46E deactivation plan (Sep 04)
  - VMMT-204 new hangar funding (POM 06)
  - Depot level repair facility funding (POM 06)
- **Long Term**
  - Environmental- 3D MAW EIS (Dec 05)
  - Phase III (1st sqdn deployment- completion of MCAS NR transition)
  - West coast- single or dual site?

MV-22 CHARTER: 01 OCT 03

TTF DATES

LAST: 05 MAY 04

NEXT: 02 NOV 04

TTF FY 04 DECISION POINTS

- DEPOT LEVEL REPAIR FACILITIES (POM 06)
- SQUADRON SELECTION AND SEQUENCING (JUL 04)
- MAINTENANCE TRAINING DIVISION (JUL 04)
- 1ST VMM COMMAND SELECTION (COMMAND SCREEN BOARD JUL 04)

MARINE HEAVY LIFT (HMH) PLAN

CURRENT FORCE: 6 AC SQDN X 16 CH-53E
2 RC SQDN X 8 CH-53E
1 FRS X 15 CH-53E

FORCE GOAL: 6 AC SQDN X 16 CH-53 REPLACEMENT
1 FRS X 15 CH-53 REPLACEMENT

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
MAG-16 MIR																																									
HMH-361	16 CH-53E																																								
HMH-462	16 CH-53E																																								
HMH-465	16 CH-53E																																								
HMH-466	16 CH-53E																																								
MAG-26 NR																																									
HMH-461	16 CH-53E																																								
MAG-29 NR																																									
HMH-464	16 CH-53E																																						X		
HMT-302 (**1/**)	15 CH-53E									P +2 = 17																								X			V				
MAG-46 MIR																																									
HMH-769 EDW	8 CH-53E																																								
MAG-49 WLG																																									
HMH-772	8 CH-53E																																								

X = CH-53 REPLACEMENT
(CH-53(R)) TRANSITION BEGINS
V = TRANSITION COMPLETE
P = PLUS-UP IN PAA

SPECIFIC NOTE:
1/MROC HAS APPROVED THE PROPOSAL OF CONSOLIDATING CH-53D (HMT-301) AND CH-53E (HMT-302) FRS'S INTO ONE SQUADRON LOCATED AT MCAS NEW RIVER BEGINNING IN FY-06 (MROC DM 46-2004).

LONG RANGE PLANNING:
• CH-53 ORGANIZATIONAL LAYDOWN AND AC/RC MIX WILL REQUIRE FURTHER STUDY AS SEABASING CONCEPT CONTINUES TO EVOLVE.
• CURRENT MV-22 PROGRAM OF RECORD (POR) CALLS FOR CH-53E RC SQUADRONS TO TRANSITION TO MV-22 (POST 2013) VICE CH-53(R).

MARINE HEAVY LIFT (HMH) PLAN

FY	04	05	06	07	08	09	10	11	12	13
TOTAL SQDNS/UNIT PMAA										
AC CH-53E	6-16	6-16	6-16	6-16	6-16	6-16	6-16	6-16	6-16	6-16
RC CH-53E	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8	2-8
FRS CH-53E	1-15	1-15	1-15	1-15	1-15	1-15	1-15	1-15	1-15	1-15

FY	04	05	06	07	08	09	10	11	12	13
PAA PLAN										
TOTAL AC/RC PMAA										
CH-53E	112	112	112	112	112	112	112	112	112	112
FRS PTAA										
CH-53E	15	15	15	15	15	15	15	15	15	15
TOTAL PAA	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**127**	**127**

		04				05				06				07				08				09				10				11				12				13			
SIMULATOR PLAN		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
TYPE/LOCATION	DEVICE																																						
CH-53E NR	APT 2F190																																						
CH-53E NR	WST 2F174									1																													
CH-53E MIR	FTD									2																													
CH-53E MIR	WST 2F174													1																									
CH-53E FUT	APT 2F171																																						

NOTES:
1/VISUAL UPGRADE
2/CH-53E FTD BUILD

MARINE LIGHT/ATTACK HELICOPTER (HMLA) PLAN

CURRENT FORCE: 6 AC SQDN X 18 AH-1W/9 UH-1N
2 RC SQDN X 18 AH-1W/9 UH-1N
1 FRS X 20 AH-1W/10 UH-1N

FORCE GOAL: 6 AC SQDN X 18 AH-1Z/9 UH-1Y
2 RC SQDN X 18 AH-1Z/9 UH-1Y
1 FRS X 10 AH-1Z/6 UH-1Y

UNIT/LOCATION	PAA	04 1	04 2	04 3	04 4	05 1	05 2	05 3	05 4	06 1	06 2	06 3	06 4	07 1	07 2	07 3	07 4	08 1	08 2	08 3	08 4	09 1	09 2	09 3	09 4	10 1	10 2	10 3	10 4	11 1	11 2	11 3	11 4	12 1	12 2	12 3	12 4	13 1	13 2	13 3	13 4
MAG-26 NR																																										
HMLA-167	18 AH-1W/9 UH-1N																										Y					V									Z
MAG-29 NR																																									
HMLA-269	18 AH-1W/9 UH-1N																														Y		V								
MAG-39 PEN																																									
HMLA-169	18 AH-1W/9 UH-1N																		Y		V						Z														V
HMLA-267	18 AH-1W/9 UH-1N																			Y				V							Z									V	
HMLA-367	18 AH-1W/9 UH-1N																						Y		V						Z		V								
HMLA-369	18 AH-1W/9 UH-1N																							B				V1							V2							
HMT-303 (**1/ 2/**)	20 AH-1W/10 UH-1N													Y		V			Z						V																	
MAG-42 ATL																																										
HMLA-773 (-)	12 AH-1W/6 UH1N																																			Y			V			
HMLA-773A NOL	6 AH-1W/3 UH-1N																																							Y			V
MAG 46 MIR																																										
HMLA-775 (-) PEN	12 AH-1W/6 UH-1N																																				Y			V			
MAG-49 WLG																																										
HMLA-775A JON	6 AH-1W/3 UH-1N																																								Y			V

Y = YANKEE TRANSITION BEGINS
Z = ZULU TRANSITION BEGINS
B = SIMULTANEOUS TRANSITION
V = TRANSITION COMPLETE

GENERAL NOTES:
- TRANSITION PLAN AS DEPICTED IS DC(A) APPROVED BY LOCATION; INDIVIDUAL UNITS ARE NOTIONAL PENDING MARFOR/MAW INPUT.
- UH-1Y/AH-1Z TRANSITION BASED ON CURRENT MEU ACE MIX OF 4 X AH/3 X UH.
- UH-1N/AH-1W INDUCTION PLAN COMMENCES 3RD QTR FY-04.

SPECIFIC NOTES:
1/HMT-303 READY FOR TRAINING (RFT) YANKEE 2ND QTR FY-08, RFT ZULU 4TH QTR FY-09.
2/HMT-303 PAA FOR (Y/Z) FRS CURRENT PLANNING FACTOR PENDING FINAL 100-LEVEL T&R REVIEW.

LONG RANGE PLANNING: HMLA ORGANIZATIONAL LAYDOWN AND AC/RC MIX REQUIRES FURTHER STUDY AS SEABASING CONCEPT CONTINUES TO EVOLVE.

MARINE LIGHT/ATTACK HELICOPTER (HMLA) PLAN

FY	04	05	06	07	08	09	10	11	12	13
TOTAL SQDNS/UNIT PMAA										
AC AH-1W	6-18	6-18	6-18	6-18	6-18	6-18	6-18	6-18	4-18	2-18
AC UH-1N	6-9	6-9	6-9	6-9	6-9	4-9	2-9	2-9	0-0	0-0
RC AH-1W	2-18	2-18	2-18	2-18	2-18	2-18	2-18	2-18	2-18	2-18
RC UH-1N	2-9	2-9	2-9	2-9	2-9	2-9	2-9	2-9	1-9	0-0
AC AH-1Z	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	2-18	4-18
AC UH-1Y	0-0	0-0	0-0	0-0	0-0	2-9	4-9	4-9	6-9	6-9
RC AH-1Z	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
RC UH-1Y	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	2-9

FY	04	05	06	07	08	09	10	11	12	13
PAA PLAN										
AC/RC PMAA										
AH-1W/UH-1N	154-72	154-72	154-72	154-72	154-63	154-54	154-36	154-36	118-9	72-0
AH-1Z/UH-1Y	0-0	0-0	0-0	0-0	0-9	0-9	0-18	0-36	36-63	72-72
TOTAL AC/RC TACTICAL	**154-72**	**154-72**	**154-72**	**154-72**	**154-72**	**154-72**	**154-72**	**154-72**	**154-72**	**154-72**
FRS PTAA										
AH-1W/UH-1N	20-10	20-10	20-10	20-6	20-4	10-0	10-0	0-0	0-0	0-0
AH-1Z/UH-1Y	0-0	0-0	0-0	1-6	6-6	10-6	10-6	10-6	10-6	10-6
TOTAL FRS PTAA	**20-10**	**20-10**	**20-10**	**21-12**	**26-10**	**20-6**	**20-6**	**20-6**	**10-6**	**10-6**
TOTAL PAA	**174-82**	**174-82**	**174-82**	**175-84**	**180-82**	**174-78**	**174-78**	**174-78**	**164-78**	**164-78**

MARINE LIGHT/ATTACK HELICOPTER (HMLA) PLAN

		04				05				06				07				08				09				10				11				12				13			
SIMULATOR PLAN		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
TYPE/LOCATION	DEVICE																																								
UH-1N NR	APT 2F175																									REMOVAL															
UH-1Y NR	FTD																	UH-1Y FTD BUILD																							
UH-1Y NR	FTD																					UH-1Y FTD BUILD																	
UH-1N PEN	WST 2F161																	REMOVAL																							
UH-1Y PEN	FTD	UH-1Y FTD BUILD																																							
UH-1Y PEN	FFS					UH-1Y FTD BUILD																																					
UH-1Y FUT	FTD																					UY-1Y FTD BUILD																	
AH-1W NR	WST 2F136																													REMOVAL										
AH-1Z NR	FTD																					AH-1Z FTD BUILD																	
AH-1Z NR	FTD																																	AH-1Z FTD BUILD							
AH-1W ATL	APT 2F170																																								
AH-1W JTN	APT 2F170																																								
AH-1W PEN	WST 2F136																									REMOVAL															
AH-1W PEN	APT 2F170																	REMOVAL																							
AH-1Z PEN	FTD	AH-1Z FTD BUILD																																							
AH-1Z PEN	FTD																	AH-1Z FTD BUILD																							
AH-1Z FUT	FTD																																	AH-1Z FTD BUILD							

NOTES:
1/CURRENT SIMULATOR PLAN IS IAW PROGRAM OF RECORD (POR) AND TTF DECISIONS.
2/COA TO REMOVE RC AH-1 APTs FOR REASSIGNMENT TO AC LOCATIONS TO MEET SIMULATOR SHORTFALLS IS PENDING TTF APPROVAL.

UH-1Y/AH-1Z TRANSITION TASKFORCE
CROSS FUNCTIONAL TEAM (CFT) WORKING ISSUES

CFT 1 (DOCTRINE AND TRAINING)

- **Completed**
  - –Flight Training Devices (FTDs) Contract Award (Jan 04)
  - –Training Implementation Plan (TIP) Validation (Jan 04)
- **On-going**
  - –Build New Decision (Jun 04)
    - •NRE Cost Refinement
    - •FY05 GFE Requirement
    - •Oct '06 Fleet UH-1N Inductions Begin
  - –T&R Manual Development (Dec 04)
- **Long Term**
  - –Curriculum Development Contract Award (Jan 05)
  - –Training Support Critical Path (Jan 05)
    - •Crew Resource Management
    - •Interactive Multimedia Instruction
    - •Mission Planning Tools
  - –OPEVAL Ground School/Flight Training (Jan-Feb 05)
  - –HMT-303 Transition
    - •UH-1Y IP Training (1Q FY07-4Q FY07)
    - •UH-1Y Ready For Training (1Q FY08)

CFT 2 (ORGANIZATION AND PERSONNEL)

- **Completed**
  - – H-1 Operational Test & Evaluation Consolidation TOCR (May 04)
  - – H-1 Fleet Introduction Team TOCR (May 04)
- **On-going**
  - – VX-9 Forward Staffing plan to support OPEVAL (Jun 04)
    - • UH Pilot recommendation
  - – Post-OPEVAL Manpower Ramp for FRS and CNATTMARU (Jul 04)
    - • OPEVAL personnel placement (9976 designator)
    - • Tied to Sourcing Plan
  - – VX-31 TOCR (Jul 04)
    - • MAD China Lake FORAC
- **Long Term**
  - – FIT Forward Staffing Begins (Dec 04 – Complete Jul 06)
  - – VX-9 Forward Staffed (Jan 05)
  - – FRS and CNATTMARU Staffed (1Q FY07)

CFT 3 (MATERIAL AND FACILITIES)

- **Completed**
  - –Environmental – Categorical Exclusion (Mar 04)
- **On-going**
  - –Logistics Support Plan for Helmet Mounted Display System (Jul 04)
  - –Maintenance Publication Verification (Jun 04)
  - –Avionics Level of Repair Analysis/Level of Support Analysis (Sep 04)
    - •LORA/LSA is phased and will be complete in FY07
- **Long Term**
  - –3d MAW Site Survey – CamPen (Jan 06)
  - –PBL Strategy/Plan (Follow-on to LORA/LSA)
  - –1st MAW EA Completion (2Q FY09)
  - –1st MAW Site Survey – Futenma (2Q FY09)
  - –2d MAW EA Completion (2Q FY10)

H-1 UPGRADES CHARTER: 01 OCT 03

TTF DATES LAST: JAN 04 NEXT: JUL 04

MARINE HELICOPTER SQUADRON ONE (HMX-1) PLAN

CURRENT FORCE: VH-3D X 3
VH-60 X 8
CH-46E X 7
CH-53E X 7

FORCE GOAL: VXX X 18
MV-22B X 8
CH-53E X 7

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
HMX-1 QUANTICO	11 VH-3D																					P							V												
	8 VH-60																																								
	7 CH-46E																																	M							V
	7 CH-53E																																								

P = PRESIDENTIAL REPLACEMENT TRANSITION BEGINS
M = MV-22 TRANSITION BEGINS
V = TRANSITION COMPLETE

LONG RANGE PLANNING: H-1 OT ELEMENT TRANSFERRED TO VX-9. CH-53 OT ELEMENT STILL IN PLACE IN ANTICIPATION OF CH-53(R).

FY	04	05	06	07	08	09	10	11	12	13
AIRCRAFT TYPE/UNIT PAA										
VH-3D/11	11	11	11	11	11	11	4	0	0	0
VH-60/8	8	8	8	8	8	8	8	8	8	8
CH-46E/7	7	7	7	7	7	7	7	7	5	0
CH-53E/7	7	7	7	7	7	7	7	7	7	7
VXX	0	0	0	0	0	7	11	11	11	18
MV-22	0	0	0	0	0	0	0	0	2	8
TOTAL HMX-1 PAA	**33**	**33**	**33**	**33**	**33**	**33**	**33**	**33**	**31**	**41**

VXX PLANNING ASSUMPTIONS:
1/VXX DELIVERIES WILL RESULT IN VH-3D/VH60 PHASE OUT
2/FIRST 4 VXX ARRIVE 1ST QTR FY-09 (IOC) SO FIRST 4 VH-3D PHASE OUT IN FY-10
3/NEXT 3 VXX ARRIVE END OF FY-09 SO NEXT THREE VH-3D PHASE OUT IN FY-10
4/NEXT 4 VXX ARRIVE FY-10 SO LAST 4 VH-3D PHASE OUT FY-11
5/NEXT 6 VXX ARRIVE FY-13 SO VH-60 PHASE OUT FY-14

MARINE SEARCH AND RESCUE (SAR) PLAN

CURRENT FORCE: 6 X HH-46D
3 X HH-1N

FORCE GOAL: 3 X HH-1Y
3 X HH-46E

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
MCAS CP																																									
VMR-1	3 HH-46D									E																															
MCAS BFT																																									
	3 HH-46D **1/**									D																															
MCAS YUMA																																									
	3 HH-1N																													Y				V							

E = HH-46E TRANSITION
D = DEACTIVATION
Y = YANKEE TRANSITION
V = COMPLETE

SPECIFIC NOTE:
1/DEACTIVATION OF MCAS BEAUFORT SAR APPROVED.

FY	04	05	06	07	08	09	10	11	12	13
SAR PAA PLAN										
SAR PAA										
HH-46D	6	6	0	0	0	0	0	0	0	0
HH-46E	0	0	3	3	3	3	3	3	3	3
HH-1N	3	3	3	3	3	3	3	0	0	0
HH-1Y	0	0	0	0	0	0	0	3	3	3
TOTAL SAR PAA	**9**	**9**	**6**	**6**	**6**	**6**	**6**	**6**	**6**	**6**

MARINE FIXED WING AVIATION:

- MARINE FIGHTER/ATTACK SQUADRON (VMFA): INTERCEPT AND DESTROY ENEMY AIRCRAFT UNDER ALL WEATHER CONDITIONS, AND ATTACK AND DESTROY SURFACE TARGETS.

- MARINE ALL-WEATHER FIGHTER/ATTACK SQUADRON (VMFA-AW): ATTACK AND DESTROY SURFACE TARGETS, DAY OR NIGHT UNDER ALL WEATHER CONDITIONS; CONDUCT MULTI-SENSOR RECONNAISSANCE; PROVIDE SUPPORTING ARMS COORDINATION; INTERCEPT AND DESTROY ENEMY AIRCRAFT UNDER ALL WEATHER CONDITIONS.

- MARINE ATTACK SQUADRON (VMA): ATTACK AND DESTROY SURFACE TARGETS UNDER DAY AND NIGHT METEOROLOGICAL CONDITIONS AND TO ESCORT ROTARY WING AIRCRAFT.

- MARINE REFUELING TRANSPORT SQUADRON (VMGR): PROVIDE AERIAL REFUELING SERVICE IN SUPPORT OF AIR OPERATIONS; PROVIDE ASSAULT AIR TRANSPORT FOR PERSONNEL, EQUIPMENT, SUPPLIES, AND TO CONDUCT SUCH OTHER AIR OPERATIONS AS MAY BE DIRECTED.

- MARINE ELECTRONIC ATTACK SQUADRON (VMAQ): CONDUCT AIRBORNE ELECTRONIC WARFARE SUPPORT OF MAGTF OPERATIONS.

- MARINE UNMANNED AERIAL VEHICLE SQUADRON (VMU): CONDUCT RECONNAISSANCE, SURVEILLANCE, TARGET ACQUISITION, INDIRECT FIRES ADJUSTMENT, BATTLEFIELD DAMAGE ASSESSMENT (BDA) AND SUPPORT THE REAR AREA SECURITY PLAN DURING EXPEDITIONARY OPERATIONS OR JOINT AND COMBINED OPERATIONS.

- OPERATIONAL SUPPORT AIRCRAFT (OSA): PROVIDE DAY OR NIGHT, ALL-WEATHER PRIORITY AND ROUTINE INTRA-THEATER MARLOG SUPPORT MISSIONS TO THE MAGTF COMMANDER.

- KC-130J:
  - DEVELOPMENTAL TEST: COMPLETE 15 SEP 03.
  - OPERATIONAL TEST/OPEVAL: COMPLETE 9 JAN 04. REPORT OUT APR 04.
  - INITIAL OPERATING CAPABILITY: WILL BE ACHIEVED DURING OCT 04 WHEN THE FIRST VMGR RECEIVES TWELVE KC-130J AIRCRAFT WITH REQUIRED SUPPORT EQUIPMENT, TECHNICAL PUBLICATIONS, TRAINED MAINTENANCE PERSONNEL AND TRAINED AIRCREW, TO INCLUDE INITIAL SPARES WITH INTERIM REPAIR SUPPORT IN PLACE AND IS FULLY COMBAT CAPABLE.

- JSF (STOVL):
  - DEVELOPMENTAL TEST: ONGOING --- MOVES TO OPEVAL 2ND QTR OF FY-09.
  - OPERATIONAL TEST/OPEVAL: 2ND QTR FY-10.
  - INITIAL OPERATING CAPABILITY: WILL BE ACHIEVED DURING FY-12 WHEN THE FIRST SQUADRON RECEIVES THEIR COMPLEMENT OF AIRCRAFT WITH REQUIRED SUPPORT EQUIPMENT, TECHNICAL PUBLICATIONS, TRAINED MAINTENANCE PERSONNEL AND TRAINED AIRCREW, TO INCLUDE INITIAL SPARES WITH INTERIM REPAIR SUPPORT IN PLACE AND IS FULLY COMBAT CAPABLE.

MARINE ATTACK/FIGHTER ATTACK/ALL WEATHER FIGHTER ATTACK (VMA/VMFA/VMFA(AW)) PLAN

CURRENT FORCE: 8 AC SQDN X 12 FA-18A+/C
4 RC SQDN X 12 FA-18A+
6 AC SQDN X 12 FA-18D
1 AC FRS X 38 FA-18A/B/C/D
7 AC SQDN X 16 AV-8B
1 AC FRS X 26 AV-8B/TAV-8B

FORCE GOAL: 14 AC SQDN X 10 F-35B
7 AC SQDN X 14 F-35B
3 RC SQDN X 10 F-35B
3 JOINT PTC X 20 F-35B

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
MAG-11 MIR																																									
VMFA-232	12 FA-18C	R 10X18C T4/																																							
VMFA-314 (**1/**)	11 FA-18C																					R 10X18C																			
VMFA-323 (**1/**)	10 FA-18C																																								
VMFA(AW)-121	12 FA-18D																																								
VMFA(AW)-225	12 FA-18D																	**8/**																							
VMFA(AW)-242	12 FA-18D													C 10X18C												**T9/**															
VMFAT-101 (**10/**)	15 FA-18A/C																																								
	23 FA-18B/D																																								
MAG-12 IWA																																								
VMFA-212 (**7/**)	12 FA-18C																	**T7/**				R 10X18C																			
MAG-13 YUM																																								
VMA-211	16 AV-8B									R 14XAV-8B				**3/**																											
VMA-214	16 AV-8B									R 14XAV-8B				**3/**																											
VMA-311	16 AV-8B									R 14XAV-8B				**3/**																											
VMA-513	16 AV-8B									R 14XAV-8B				**3/**																											
MAG-14 CP																																								
VMA-223	16 AV-8B									R 14XAV-8B				**3/**																											
VMA-231	16 AV-8B									R 14XAV-8B				**3/**																										F			V
VMA-542	16 AV-8B									R 14XAV-8B				**3/**																F			V							
VMAT-203	12/14 T/AV-8B																																								
MAG-31 BFT																																								
VMFA-115 (**1/**)	11 FA-18A+																					R 10X18A+																F			V
VMFA-122	12 FA-18C													**T6/**				R 10X18C																							
VMFA-251	12 FA-18C									**T5/**				R 11X18C								R 10X18C																			
VMFA-312	11 FA-18A+																					R 10X18A+																			
VMFA(AW)-224	12 FA-18D																																	F			V				
VMFA(AW)-332	12 FA-18D																					A 10X18A+				**T9/**															
VMFA(AW)-533	12 FA-18D																																								

MARINE ATTACK/FIGHTER ATTACK/ALL WEATHER FIGHTER ATTACK (VMA/VMFA/VMFA(AW)) PLAN

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
MAG-41 FTW																																									
VMFA-112	12 FA-18A+																																								
MAG-42 ATL																																									
VMFA-142	12 FA-18A+																																								
MAG-46 MIR																																									
VMFA-134	12 FA-18A+																																								
MAG-49 WLG																																									
VMFA-321 ADW	12 FA-18A+	**D 2/**																																								

F = JSF TRANSITION BEGINS
C = F/A-18C TRANSITION
A = F/A-18A+ TRANSITION
R = PAA REDUCTION
D = DEACTIVATION
T = TACAIR INTEGRATION
V = TRANSITION COMPLETE

GENERAL NOTES:

• TRANSITION PLAN AS DEPICTED IS NOTIONAL FOR BOTH LOCATION AND UNITS. JSF IOC AND TRANSITION PLAN CURRENTLY AWATING SENIOR DoD APPROVAL OF JSF PROGRAM SCHEDULE.

• JSF JOINT PILOT TRAINING CENTER (PTC) CONCEPT UNDER DEVELOPMENT.

SPECIFIC NOTES:
1/CURRENTLY CVW INTEGRATED UNIT.
2/SECNAV APPROVED DEACTIVATION NLT 30 SEP 04.
3/MROC APPROVED PAA REDUCTION TO 14 (DM 46-2004).
4/VMFA-232 --- TAI.
5/VMFA-251 --- TAI.
6/VMFA-122 --- TAI.
7/VMFA-212 --- TAI INTO CVW-5 (WESTPAC).
8/PLANNING --- REQUIRES CMC APPROVAL --- PCS TO WESTPAC TO REPLACE VMFA-212.
9/PLANNING --- FINAL TWO TAI SQUADRONS.
10/CURRENT USN FA-18 FRS STUDY ONGOING --- POTENTIAL IMPACT ON VMFAT-101.

LONG RANGE PLANNING: FUTURE STUDY REQUIRED TO DETERMINE IF 2ND/3RD MAW JSF LAYDOWN WILL BE DUAL-SITED OR SINGLE-SITED. IMPACTS MCAS CHERRY POINT/BEAUFORT/MIRAMAR/YUMA.

MARINE ATTACK/FIGHTER ATTACK/ALL WEATHER FIGHTER ATTACK (VMA/VMFA/VMFA(AW)) PLAN

FY	04	05	06	07	08	09	10	11	12	13
TOTAL SQDNS/UNIT PMAA										
AC FA-18A+/C	8-12	8-11	9-11	9-11	9-11	10-11	10-10	10-10	10-10	9-10
RC FA-18A+	3-12	3-12	3-12	3-12	3-12	3-12	3-12	3-12	3-12	3-12
AC FA-18D	6-12	6-12	5-12	5-12	5-12	4-12	4-12	4-12	3-12	3-12
AC AV-8B	7-16	7-16	7-14	7-14	7-14	7-14	7-14	6-14	6-14	5-14
AC F-35B	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	1-14	3-14
RC F-35B	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0
FA-18 FRS	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38	1-38
AV-8B FRS	1-26	1-26	1-26	1-26	1-26	1-26	1-26	1-26	1-26	1-26
F-35B JPTC 1	0-0	0-0	0-0	0-0	0-0	0-0	1-6	1-10	1-11	1-20

FY	04	05	06	07	08	09	10	11	12	13
PAA PLAN										
AC/RC PMAA										
FA-18A+/C	144	124	135	135	135	146	136	136	136	126
FA-18D	72	72	60	60	60	48	48	48	36	36
AV-8B	112	112	98	98	98	98	98	84	84	70
F-35B	0	0	0	0	0	0	0	14	24	48
TOTAL AC/RC PMAA	**316**	**309**	**293**	**293**	**293**	**292**	**282**	**282**	**280**	**280**
FRS PTAA										
FA-18A/C	15	15	15	15	15	15	15	15	15	15
FA-18B/D	23	23	23	23	23	23	23	18	18	18
AV-8B	12	12	12	12	12	12	12	12	12	12
TAV-8B	14	14	14	14	14	14	12	12	12	12
F-35B	0	0	0	0	0	0	6	10	17	20
TOTAL FRS PTAA	**64**	**64**	**64**	**64**	**64**	**64**	**68**	**67**	**74**	**77**
TOTAL PAA	**380**	**373**	**357**	**357**	**357**	**356**	**350**	**349**	**354**	**357**

MARINE ATTACK/FIGHTER ATTACK/ALL WEATHER FIGHTER ATTACK (VMA/VMFA/VMFA(AW)) PLAN

		04				05				06				07				08				09				10				11				12				13			
SIMULATOR PLAN		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
TYPE/LOCATION	DEVICE																																								
FA-18 BFT	WTT 2E7-2D1	1																																							
FA-18 BFT	WTT 2E7-2D2									REMOVAL																															
FA-18 BFT	TOFT	2																																							
FA-18 MIR	WTT 2E7-2D1	1																																							
FA-18 MIR	WTT 2E7-2D2	1																																							
FA-18 MIR	OFT 2F132-6													REMOVAL																											
FA-18 MIR	OFT 2F132-8													REMOVAL																											
FA-18 MIR	TOFT					2																																			
FA-18 IWA	OFT																	REMOVAL																							
FA-18 IWA	APT																																								
AV-8B CP	WST 2F150C																																								
AV-8B CP	WST 2F150A	3																																							
AV-8B CP	DAWST 2F149									REMOVAL																															
AV-8B YUMA	NAWST 2F150									3																															
AV-8B YUMA	RNAWST 2F150B																																								
F-35B CP	FMS													4																											
F-35B CP	FMS													4																											
F-35B CP	FMS																	4																							
F-35B CP	FMS																	4																							
F-35B CP	DMRT																	5																							
F-35B CP	DMRT																					5																			
F-35B CP	DMRT																									5															
F-35B CP	DMRT																													5											
F-35B MIR	FMS													4																											
F-35B MIR	FMS													4																											
F-35B MIR	FMS																	4																							
F-35B MIR	FMS																	4																							
F-35B MIR	DMRT																					5																			

NOTES:
1/17C UPGRADE
2/TOFT BUILD (17C)
3/VISUAL UPGRADE
4/FMS BUILD
5/DMRT BUILD

JSF TRANSITION TASK FORCE
CROSS FUNCTIONAL TEAM (CFT) WORKING ISSUES

CFT 1 (DOCTRINE AND TRAINING)

- INSTRUCTIONAL SYSTEM DESIGN (UNDERWAY)
- PUBLISH F-35B T&R MCO (FY-10)
- INITIAL TRAINING CENTER READY-FOR TRAINING (FY-10)

CFT 2 (ORGANIZATION AND PERSONNEL)

- F-35B T/O APPROVED BY TFS (FY-09)
- 2015 MEU ACE COMPOSITION (EVOLVING)
- USMC INSTRUCTORS ARRIVE AT ITC SITE(S) (FY-10)

CFT 3 (MATERIAL AND FACILITIES)

- F-35B STOVL JSF ROLLOUT (FY-06)
- BRAC ITC SITE SELECTION (MAY 05)
- BRAC PROGRAM CONGRESSIONAL APPROVAL (DEC 05)
- INITIAL TRAINING CENTER READY-FOR TRAINING (FY-10)

F-35B CHARTER: 14 AUGUST 2003

TTF DATES LAST: APR 01 **NEXT:** SEP 04

TTF FY 04 DECISION POINTS:

- PILOT CREW-SEAT RATIO

Enclosure (1)

MARINE AERIAL REFUELER/TRANSPORT (VMGR) PLAN

CURRENT FORCE: 3 AC SQDN X 12 KC-130F/R
2 RC SQDN X 12 KC-130T

FORCE GOAL: 3 AC SQDN X 12 KC-130J
2 RC SQDN X 12 KC-130T AMP

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
MAG-11 MIR																																									
VMGR-352	12 KC-130F/R					J											V																								
MAG-14 CPT																																									
VMGR-252	12 KC-130F/R		J		V																																				
VMGRT-253	8 KC-130F									**D2/**																															
MAG-36 FUT																																									
VMGR-152 (**1/**)	12 KC-130F/R																	J											V												
MAG-41 FTW																																									
VMGR-234	12 KC-130T																										A							V							
MAG-49 WLG																																									
VMGR-452 STW	12 KC-130T																																A								

J = KC-130J TRANSITION BEGINS
V = TRANSITION COMPLETE
A = AMP TRANSITION BEGINS
D = DEACTIVATION

GENERAL NOTES:
• TRANSITION PLAN AS DEPICTED IS DC(A) APPROVED BY LOCATION AND UNIT.
• UPON VMGRT-253 DEACTIVATION ALL USMC KC-130J FRS TRAINING WILL BE COMPLETED AT THE JMATS (LITTLE ROCK AFB)

SPECIFIC NOTES:
1/THE 12 CORE AIRCRAFT (NVL/ASE EQUIPPED) EARMARKED FOR VMGR-152 ARE AS FOLLOWS:
F = 148891, 149789, 148247, 150689, 149799
R = 160625, 160626, 160627, 160628, 160013, 160015, 160016
2/VMGRT-253 DEACTIVATION 1 OCT 2006.

LONG RANGE PLANNING: KC-130 REQUIREMENTS STUDY INITIATED IN FY-04 TO DETERMINE FUTURE KC-130J INVENTORY/PMAA REQUIREMENTS BASED ON EVOLVING OPERATIONAL CONCEPTS.

Enclosure (1)

MARINE AERIAL REFUELER/TRANSPORT (VMGR) PLAN

FY	04	05	06	07	08	09	10	11	12	13
TOTAL SQDNS/UNIT PMAA										
AC KC-130F/R	3-12	2-12	1-12	1-12	1-12	1-12	1-12	0-0	0-0	0-0
AC KC-130J	0-12	1-12	2-12	2-12	2-12	2-12	2-12	3-12	3-12	3-12
KC-130T	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12
KC-130F/R FRS	1-8	1-8	1-8	0-0	0-0	0-0	0-0	0-0	0-0	0-0

FY	04	05	06	07	08	09	10	11	12	13
PAA PLAN										
AC/RC PMAA										
KC-130F/R	24	24	16	12	12	6	4	0	0	0
KC-130J	12	12	20	24	24	32	36	36	36	36
KC-130T	24	24	24	24	24	24	24	24	24	24
TOTAL AC/RC PMAA	**60**	**60**	**60**	**60**	**60**	**62**	**64**	**60**	**60**	**60**
FRS PTAA										
KC-130F/R	8	8	8	0	0	0	0	0	0	0
TOTAL FRS PTAA	**8**	**8**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
TOTAL PAA	**68**	**68**	**68**	**60**	**60**	**62**	**64**	**60**	**60**	**60**

		04				05				06				07				08				09				10				11				12				13			
SIMULATOR PLAN		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
TYPE/LOCATION	DEVICE																																						
KC-130R CP	OFT 2F152																																						
KC-130R CP	OFT 2F107A																																						
KC-130J CP	WST					KJ WST BUILD																																	
KC-130R MIR	OFT 2F107A	1								X-FER TO JRB FTW																													
KC-130J MIR	WST									KJ WST BUILD																													
KC-130R FUT	APT 2F176																	X-FER TO STW ANGB																				
KC-130J FUT	WST													KJ WST BUILD																									

NOTE:
1/VISUAL UPGRADE

Enclosure (1)

KC-130J TRANSITION TASK FORCE
CROSS FUNCTIONAL TEAM (CFT) WORKING ISSUES

CFT 1 (DOCTRINE AND TRAINING)

- **Completed**
  - OPEVAL Report – Effective & Suitable Permissive Environment (Apr 04)
- **On-going**
  - T&R Manual Revision (MARFOR Review Aug 04)
  - C-130J/KC-130J Joint Training MOA (In Staffing Aug 04)
  - Joint FRS Course After Action Report (Sept 04)
  - DECM Operational Test (Report due Oct 04)
    - Flight Phase Complete (Jun 04)
  - 2nd MAW Aircrew Training (Conversion On-going Mar 05)
- **Long Term**
  - 3rd MAW Aircraft Delivery (Aug 04)
  - Marine Aerial Navigator School Closes (Aug 04)
  - JMATS MARDET Requirements (Sept 04)
  - KC-130 Force Requirement Study (Mar 05)
  - KC-130 FRS Standdown (Oct 06)
  - Simulator Operation (2nd MAW May 06 - 3rd MAW Oct 07 - 1st MAW Oct 08)

CFT 2 (ORGANIZATION AND PERSONNEL)

- **Completed**
  - Developed 3rd MAW Instructor Support Transition Plan (Jun 03)
  - KC-130J T/O Approved Through TFS (Feb 04)
- **On-going**
  - 2nd MAW Fleet Introduction Team Standdown (Sept 04)
- **Long Term**
  - 3rd MAW Introduction Team Establishment (Aug 04)
  - 1st Marine Instructor Arrives at Joint FRS (Sep 04)
    - Capt Kosich
  - 2nd MAW KC-130J T/O Takes Effect (Oct 04)
  - 3rd MAW KC-130J T/O Takes Effect (Oct 05)
  - 1st and 4th MAW Support for Post FRS Legacy Training (Oct 05)
  - MARDET Establishment at Joint FRS (Sept 06)

CFT 3 (MATERIAL AND FACILITIES)

- **Completed**
  - 2nd MAW Facilities (Oct 03)
  - 2nd MAW GSE (May 04)
- **On-going**
  - Phase I Pod Installs (Aug 04)
  - 3rd MAW Facilities Ready for Use (Aug 04)
  - DECM Modifications (Aug 04)
  - Peculiar Support Equipment Training and Licensing Requirements (Sept 04)
- **Long Term**
  - Simulator Facilities (2nd MAW Dec 05 – 3rd MAW May 07 - 1st MAW May 08)
  - 1st MAW Site Survey – Futenma/Iwakuni (Sept 04)
  - Phase II Pod Installs (Aug 05)
  - 1st MAW EA Completion (Sep 06)
  - 1st MAW Facilities (Aug 07)

KC-130J CHARTER: 01 OCT 03

TTF DATES LAST: 25-26 FEB 04 **NEXT**: AUG 04

TTF FY 04 DECISION POINTS

- 1ST JOINT FRS CLASS AFTER ACTION REPORT (JUN 04)
- MARDET REQUIREMENTS AT LITTLE ROCK AFB (JUN 04)
- KC-130J FORCE REQUIREMENT STUDY COMPLETE (SEP 04)
- 1ST MAW KC-130 RELOCATION (OCT 04)

MARINE ELECTRONIC WARFARE (VMAQ) PLAN

CURRENT FORCE: 4 AC SQDN X 5 EA-6B **FORCE GOAL:** 4 AC SQDN X AEA

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
MAG-14 CP																																									
VMAQ-1	5 EA-6B																																								
VMAQ-2	5 EA-6B																																								
VMAQ-3	5 EA-6B																																								
VMAQ-4	5 EA-6B																																								

GENERAL NOTE: USMC TRANSITION TO AEA EXPECTED TO BEGIN IN FY-15.

LONG RANGE PLANNING: DC(A) SUBMITTED EAA STUDY FOR USMC FY-05 MCSB STUDIES PROGRAM. STUDY APPROVAL ANTICIPATED AUG 04.

FY	04	05	06	07	08	09	10	11	12	13
TOTAL SQDNS/UNIT PMAA										
AC EA-6B	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
AC AEA	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0

FY	04	05	06	07	08	09	10	11	12	13
PAA PLAN										
AC PMAA										
EA-6B	20	20	20	20	20	20	20	20	20	20
	0	0	0	0	0	0	0	0	0	0
TOTAL AC PMAA	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**	**20**

		04				05				06				07				08				09				10				11				12				13			
SIMULATOR PLAN		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
TYPE/LOCATION	DEVICE																																								
EA-6B CP	OF/NT 2F143					1																																			
EA-6B CP	TTT 15E22C																																								
EA-6B IWA	WST 2F178																																								

NOTE:
1/CPU REHOST.

Enclosure (1)

UNMANNED AERIAL VEHICLE (UAV) PLAN

CURRENT FORCE: 2 AC SQDN X 5 PIONEER **FORCE GOAL:** 2 AC SQDN X 16 VUAV

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	PAA																																								
MCAF 29P																																									
VMU-1	5 PIONEER																									R															
	1 GCS																									R															
	16 VUAV																									U															V
	8 GCS																									G															V
MCAS CP																																									
VMU-2	5 PIONEER																	R																							
	1 GCS																	R																							
	16 VUAV																		U																					V	
	8 GCS																		G																					V	

R = RETIRE
G = GCS TRANSITION BEGINS
U = VUAV TRANSITION BEGINS
V = TRANSITION COMPLETE

FY	04	05	06	07	08	09	10	11	12	13
UAV PAA PLAN										
UAV PAA										
PIONEER	10	10	10	10	10	5	5	0	0	0
VUAV	0	0	0	2	4	8	8	8	8	8
TOTAL UAV PAA	**10**	**10**	**10**	**12**	**14**	**13**	**13**	**8**	**8**	**8**

GENERAL NOTE:
• MROC HAS PREVIOUSLY VALIDATED VUAV REQUIREMENTS. VUAV ICD CURRENTLY IN STAFFING VIA JROC PROCESS FOR APPROVAL.
• VUAV CONOPS COMPLETED 3Q FY-04.

MARINE OPERATIONAL SUPPORT AIRLIFT (OSA) PLAN

CURRENT FORCE: 6 UC-35C/D
17 UC-12B/F
1 C-20G
2 C-9B

FORCE GOAL: 11 UC-35C/D
12 UC-12B/F (**4/**)
1 C-20G
2 C-40

UNIT/LOCATION	PAA	04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MCAS CH PT																																									
VMR-1	2 C-9B (3/)																																					C4			V
	2 UC-35D (**1/**)					C3											V																							
	2 UC-12B									R (-2) **1/**																															
MCAS NR																																									
	2 UC-12B																																								
MCAS BFT																																									
	1 UC-12B																																								
MCAS MIR																																									
	1 UC-35D (**2/**)					P (+2)				3 X UC-35D (**2/**)																															
	3 UC-12B					R (-3)																																			
MCAS YUMA																																									
	2 UC-12B					P (+1)				3 X UC-12B																															
MCAF K-BAY																																									
	1 C-20G																																								
MCAS FUT																																									
	1 UC-35D					P (+1)				2 X UC-35D																															
	2 UC-12F					R (-2)																																			
MCAS IWA																																									
	2 UC-12F					P (+1)				3 X UC-12F																															
NAF AND																																									
	2 UC35D																																								
	2 UC-12B																																								
NAS JRB NO																																									
	2 UC-35C																																								
	1 UC-12B									R (-1)																															
	1 UC-12F									P (+1)				1 X UC-12F																											

C3 = UC-35D TRANSITION BEGINS
C4 = C-40 TRANSITION BEGINS
R = REDUCTIONS
P = PLUS-UPS
V = TRANSITION COMPLETE

GENERAL NOTES:
• LAYDOWN PLAN AS DEPICTED PENDING DC(A) APPROVAL.

SPECIFIC NOTE:
1/ TWO X UC-35D AIRCRAFT REPLACE 2 X UC-12B AIRCRAFT.
2/ CONGRESSIONAL ADDITION OF 3RD UC-35D AT MIRAMAR PENDING COMMITTEE ACTION
3/INITIATIVE UNDERWAY TO DETERMINE EFFICACY OF RELOCATING C-9 AIRCRAFT FROM CHERRY POINT TO ANDREWS
4/UC-12 REPLACEMENT AIRCRAFT APPROVED BY MROC --- INTRODUCTION SCHEDULE TBD

MARINE OPERATIONAL SUPPORT AIRLIFT (OSA) PLAN

FY	04	05	06	07	08	09	10	11	12	13
PAA PLAN										
UC-12B/F	17	15	12	12	12	12	12	12	12	12
UC-35C/D	6	8	11	11	11	11	11	11	11	11
C-20G	1	1	1	1	1	1	1	1	1	1
C-9	2	2	2	2	2	2	2	2	2	0
C-40	0	0	0	0	0	0	0	0	0	2
TOTAL	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**	**26**

MARINE AVIATION LOGISTICS:

- MARINE AVIATION LOGISTICS SQUADRON (MALS): PROVIDE AVIATION LOGISTICS SUPPORT, GUIDANCE, AND DIRECTION TO MARINE AIRCRAFT GROUP SQUADRONS ON BEHALF OF THE COMMANDING OFFICER; AS WELL AS LOGISTICS SUPPORT FOR NAVY-FUNDED EQUIPMENT IN THE SUPPORTING MARINE WING SUPPORT SQUADRON (MWSS), MARINE AIR CONTROL SQUADRON (MACS), AND MARINE AIRCRAFT WING/MOBILE CALIBRATION COMPLEX (MAW/MCC).

- FLY-IN SUPPORT PACKAGE (FISP): 30-DAY ORGANIZATIONAL LEVEL SUPPORT.

- PECULIAR CONTINGENCY SUPPORT PACKAGE (PCSP): CONTAINS BOTH ORGANIZATIONAL AND INTERMEDIATE LEVEL PARTS PECULIAR TO A SPECIFIC T/M/S. 90-DAYS OF SUPPORT (DOS). FOLLOW-ON TO FISP.

- FOLLOW-ON SUPPORT PACKAGE (FOSP): CONTAINS LARGER ITEMS THAT ARE SITE-SPECIFIC. SENT TO THEATER AS NEEDED/SPACE AVAILABLE.

- MOBILE MAINTENANCE FACILITY (MMF): SUB-SET OF THE SUPPORT PACKAGES PROVIDING INTERMEDIATE LEVEL MAINTENANCE CAPABILITIES.

- COMMON CONTINGENCY SUPPORT PACKAGE (FIXED OR ROTARY WING) (CCSPFW/RW): CONTAINS BOTH ORGANIZATIONAL AND INTERMEDIATE LEVEL PARTS COMMON TO RW OR FW PLATFORMS. 90-DAYS OF SUPPORT (DOS). FOLLOW-ON TO FISP.

MALSP II:

- **WHAT IS MALSP II?:** THE WAY MARINE AVIATION LOGISTICS WILL PROVIDE SUPPORT TO DEPLOYED UNITS (AND POTENTIALLY NON-DEPLOYED UNITS) IN THE FUTURE. MALSP II BUILDS UPON THE SUCCESS OF MALSP AND IMPROVES LOGISTICS PERFORMANCE IN AN OPERATING ENVIRONMENT CHARACTERIZED BY UNCERTAINTY AND FAST TEMPO.

- **WHAT DOES MALSP II DO?:** SIGNIFICANTLY CHANGES THE WAY AVIATION SUPPLY/RESUPPLY IS CONDUCTED.

  - SIGNIFICANTLY INCREASES SYSTEM RESPONSIVENESS RESULTING IN **INCREASED DEPLOYED AND NON- DEPLOYED READINESS.**

  - SIGNIFICANTLY REDUCES FOOTPRINT, INFRASTRUCTURE AND LIFT REQUIREMENTS; PLACES LESS PRESSURE ON FORCE PROTECTION DEMANDS; INCREASES LOGISTICS SUPPORT FLEXIBILITY, AGILITY, AND ENABLES PROACTIVE FOCUS OF AVIATION LOGISTICS RESPONSE.

- **WHY IS MALSP II NEEDED?:** SIGNIFICANT CHANGES HAVE OCCURRED IN INFORMATION SYSTEMS, TRANSPORTATION AVAILABILITY, AIRCRAFT PLATFORMS, PLATFORM SUPPORT CONCEPTS, FORCE PROTECTION REQUIREMENTS, AND OPERATIONAL CONCEPTS SINCE MALSP WAS INITIALLY DEVELOPED. MALSP II TAKES INTO CONSIDERATION CURRENT AND FUTURE OPERATIONAL AND SUPPORT REQUIREMENTS AND CONCEPTS.

- **FUTURE CONSTRUCT** WILL CONSIST OF DIRECT SUPPORT OF OPERATIONAL UNITS AT FORWARD OPERATING BASES (FOBS) WITH DYNAMICALLY-SHAPED SUPPORT PACKAGES (BASED ON CONTINGENCY NEEDS AND GEOGRAPHIC SEPARATION), A REPLENISHMENT NODE LOCATED AT A BENIGN AIR HUB POSITIONED TO RAPIDLY REPLENISH FORWARD OPERATIONAL REQUIREMENTS, AND MALS (NON DEPLOYED) PROVIDING – IN CONCERT WITH DOD SUPPLY SYSTEMS – SUPPORT TO THE REPLENISHMENT NODE (AND FOB, AS NECESSARY).

MARINE ROTARY WING AVIATION LOGISTICS PLAN

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MAG-16 MIR																																									
MALS-16	2 X 36 CH-46E FISP																					M							V												
	2 X 16 CH-53E FISP																																								
	2 X 36 CH-46E PCSP																					M							V												
	3 X 16 CH-53E PCSP																																								
	CCSPRW																																								
	FOSP																																								
	274 MMF																																								
MAG-24 K-BAY																																									
MALS-24	3 X 8 CH-53D FISP																																								
	3 X 8 CH-53D PCSP																																								
	CCSPRW																																								
	FOSP																																								
	TSA CH-53D																																								
	76 MMF																																								
MAG-26 NR																																									
MALS-26	18 AH/9 UH FISP																										Y				V						Z				
	36 CH-46E FISP									M							V																								
	16 CH-53E FISP																																								
	18 AH/9 UH PCSP																										Y				V						Z				
	36 CH-46E PCSP									M							V																								
	16 CH-53E PCSP																																								
	CCSPRW																																								
	FOSP																																								
	TSA CH-46E																																								
	269 MMF																																								
MAG-29 NR																																									
MALS-29	18 AH/9 X UH FISP																														Y				V						
	36 CH-46E FISP													M			V																								
	16 CH-53E FISP																																								
	18 AH/9 UH PCSP																														Y				V						
	36 CH-46E PCSP													M			V																								
	16 CH-53E PCSP																																							X	
	CCSPRW																																								

Enclosure (1)

MARINE ROTARY WING AVIATION LOGISTICS PLAN

UNIT/LOCATION	EQUIPMENT	04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MAG-29 NR (CONT'D)																																							
MALS-29	FOSP																																						
	TSA CH-53E																																	X							V
	269 MMF																																						
MAG-36 FUT																																							
MALS-36	18 AH/9 UH FISP																																						
	36 CH-46E FISP																																		M						V
	12 KC-130F/R FISP																	K											V											
	16 CH-53E FISP																																						
	8 CH-53D FISP																																						
	18 AH/9 UH PCSP																																						
	36 CH-46E PCSP																																		M						V
	12 KC-130F/R PCSP																	K											V											
	16 CH-53E PCSP																																						
	2 X 8 CH-53D PCSP																																						
	CCSPRW																																						
	FOSP																																						
	269 MMF																																						
MAG-39 PEN																																							
MALS-39	2 X 18 AH/9 UH FISP														Y						V					Z			V											
	24 CH-46E FISP																																						
	3 X 18 AH/9 UH PCSP														Y						V					Z			V											
	24 CH-46E PCSP																																						
	CCSPRW														Y						V					Z			V											
	FOSP																																						
	TSA AH/UH										Y				Z						V																				
	279 MMF																																						
MAG-42 ATL																																							
MALS-42	12 AH/6 UH SHORCAL																																	Y							V
	6 AH/3 UH SHORCAL																																					Y			
	12 CH-46E SHORCAL																																						
MAG-46 EDW																																							
MALS-42 DET A	12 AH/6 UH SHORCAL																																		Y						
	12 CH-46E SHORCAL																																						
	8 CH-53E SHORCAL																																						

Enclosure (1)

MARINE ROTARY WING AVIATION LOGISTICS PLAN

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MAG-49 WLG																																									
MALS-49	8 CH-53E SHORCAL																																								
	6 AH/3 UH SHORCAL																																		Y						

Y = YANKEE TRANSITION BEGINS
Z = ZULU TRANSITION BEGINS
J = KC-130 J TRANSITION BEGINS
M = MV-22 TRANSITION BEGINS
X = CH-53X TRANSITION BEGINS
V = TRANSITION COMPLETE

MARINE FIXED WING AVIATION LOGISTICS PLAN

UNIT/LOCATION	EQUIPMENT	04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MAG-11 MIR																																									
MALS-11	2 X 36 FA-18 FISP																																								
	12 KC-130F/R FISP					J							V																												
	2 X 36 FA-18 PCSP																																								
	12 KC-130 PCSP					J							V																												
	CCSPFW																																								
	FOSP																																								
	TSA 29 FA-18A/B/C/D																																								
	570 MMF																																								
MAG-12 IWA																																									
MALS-12	36 FA-18 FISP																																								
	16 AV-8B FISP																																								
	5 EA-6B FISP																																								
	36 FA-18 PCSP																																								
	16 AV-8B PCSP																																								
	5 EA-6B PCSP																																								
	CCSPFW																																								
	FOSP																																								
	414 MMF																																								
MAG-13 YUMA																																									
MALS-13	2 X AV8B FISP									R = AV-8B PAA ↓ TO 14																												S			
	2 X AV-8B PCSP									R = AV-8B PAA ↓ TO 14																												S			
	CCSPFW																																								
	FOSP																																								
	313 MMF																																								
MAG-14 CP																																									
MALS-14	3 X 5 EA6B FISP																																								
	2 X 16 AV-8B FISP									R = AV-8B PAA ↓ TO 14												S							V											
	12 KC-130J FISP	J							V																																
	3 X 5 EA6B PCSP																																								
	2 X 16 AV-8B PCSP									R = AV-8B PAA ↓ TO 14												S							V											
	12 KC-130J PCSP	J							V																																
	CCSPFW																																								

Enclosure (1)

MARINE FIXED WING AVIATION LOGISTICS PLAN

UNIT/LOCATION	EQUIPMENT	04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MAG-14 CP (CONT'D)																																									
MALS-14	FOSP																																								
	TSA AV-8B																																								
	TSA KC-130J																																								
	TSA KC-130F/R																																								
	547 MMF																																								
MAG-31 BFT																																									
MALS-31	2 X 36 FA-18 FISP																																								
	2 X 36 FA-18 PCSP																																								
	CCSPW																																								
	FOSP																																								
	381 MMF																																								
MAG-41 FTW																																									
MALS-41	12 FA-18A SHORCAL									R = ↓ TO 10 X SHORCAL																															
	12 KC-130T SHORCAL																																								
MAG-42 ATL																																									
MALS-42	12 FA-18A SHORCAL									R = ↓ TO 10 X SHORCAL																															
MAG-46 MIR																																									
MALS-41 DET A	12 FA-18A SHORCAL									R = ↓ TO 10 X SHORCAL																															
MAG-49																																									
MALS-49	12 FA-18A SHORCAL									R = ↓ TO 10 X SHORCAL																															
	12 KC-130T SHORCAL																																								

J = KC-130 J TRANSITION BEGINS
S = JSF TRANSITION BEGINS
R = PAA REDUCTION
V = TRANSITION COMPLETE

MARINE AVIATION GROUND SUPPORT:

- MARINE WING SUPPORT GROUP (MWSG): TO PROVIDE ALL ESSENTIAL AVIATION GROUND SUPPORT (AGS) REQUIREMENTS TO ALL COMPONENTS OF THE AVIATION COMBAT ELEMENT (ACE), AND ALL SUPPORTING OR ATTACHED ELEMENTS OF THE MARINE AIR CONTROL GROUP.

- AGS CONSIST OF GROUND SUPPORT FUNCTIONS REQUIRED (LESS AIRCRAFT SUPPLY, MAINTENANCE, AND ORDNANCE) FOR SUSTAINED AIR OPERATIONS AT FORWARD OPERATING BASES (FOB) AND AIR BASES. IT IS THE CRITICAL COMPONENT THAT GIVES MARINE AVIATION ITS EXPEDITIONARY CAPABILITY. AGS IS COMPRISED OF 14 CORE CORE FUNCTIONS:

  - INTERNAL AIRFIELD COMMUNICATIONS
  - METEOROLOGICAL AND OCEANOGRAPHIC (METOC) SERVICES
  - EXPEDITIONARY AIRFIELD SERVICES (EAF)
  - AIRFIELD RESCUE AND FIREFIGHTING (ARFF)
  - AIRCRAFT AND GROUND REFUELING
  - EXPLOSIVE ORDNANCE DISPOSAL (EOD)
  - ESSENTIAL ENGINEER SERVICES
  - MOTOR TRANSPORT (MT)
  - FIELD MESSING FACILITIES
  - ROUTINE AND EMERGENCY SICK CALL AND MEDICAL FUNCTIONS
  - INDIVIDUAL AND UNIT TRAINING
  - NUCLEAR, BIOLOGICAL, AND CHEMICAL (NBC) DEFENSE
  - SECURITY AND LAW ENFORCEMENT SERVICES
  - AIR BASE COMMANDANT FUNCTIONS

- CURRENTLY THERE ARE THREE ACTIVE MWSG(S) AND ONE RESERVE MWSG. THE MWSG(S) WITHIN 2D AND 3D MAW POSSESS FOUR DEPLOYABLE MARINE WING SUPPORT SQUADRONS (MWSS), THE MWSG WITHIN 1ST MAW ONLY HAS TWO MWSS(S). OUR RESERVICE COUNTERPARTS HAVE 3 MWSS(S).

MODERNIZATION: THE MWSG/MWSS CONTINUE TO UPDATE AND UPGRADE THEIR CAPABILITIES, TAKING ADVANTAGE OF FUTURE TECHNOLOGIES TO PROVIDE AGS TO THE ACE. THOSE AREAS INCLUDE:

- DUST ABATEMENT - TO PREVENT BROWN-OUT CONDITIONS AND DECREASE FOD HAZARDS IN AUSTERE LANDING ZONES OR AIR BASES.

- ARRESTING GEAR - A MORE EXPEDITIOUS SYSTEM THAT CAN BE INSTALLED IN LESS THAN 4 HRS ON ROADS OR RUNWAYS.

- LIGHTWEIGHT AIRFIELD SURFACING - LESSENS THE LOGISTICAL BURDEN OF THE CURRENT AM-2 MATTING BY APPROXIMATELY 50%.

- AIRFIELD DAMAGE REPAIR (ADR) – TO EXPEDITIOUSLY REPAIR LANDING SURFACES FOR TACTICAL AIRCRAFT AT FOB(S).

- VARIOUS ENGINEERING AND MOTOR TRANSPORT ASSETS – INCREASES RELIABILITY AND CAPABILITY IN PROVIDING ENGINEERING AND TRANSPORTATION SERVICES TO THE ACE.

- ADVANCED AIRFIELD LIGHTING – A SMALLER, LESS MAINTENANCE INTENSIVE SELF-CONTAINED SYSTEM. LOOKING AT SOLAR CAPABILITIES FOR THE NEAR FUTURE.

- UNIT OPERATIONS CENTER – A COMMAND AND CONTROL PACKAGE FOR PROVIDING AGS TO THE ACE.

- METMF-R – DOWNSIZING METOC FACILITY EQUIPMENT INTO SINGLE ISO SHELTER WITHOUT DECREASING CAPABIILTY.

MARINE AVIATION GROUND SUPPORT (AGS) PLAN

UNIT/LOCATION	EQUIPMENT	04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MWSG-17 (CF)																																							
	(4) M-21	M			V																																			
	(8) P-19																					E			V															
	AM-2 MATTING																	2+																						
	(2) MOSLS					1/							V																												
	ARC																									X														
	TAFDS																																							
	(6) M-970																	F**3/**			V																			
	(4) DUST ABATEMENT									D																														
	ADR KIT													A			V																							
	(4) SEE TRACTOR	C			V																																		
	(4) 130G GRADER																													G									
	(18) TRAM																	T			V																		
	(15) ROWPU					W**4/**																																		
	(40) MTVR/7-TON																																							
	(20) LVS																					L							V										
	(2) METMF-R																	I							V														
	(6) NITES IV			P					V																															
	(5) UOC																	U			V																		
MWSG-27 (CPT)																																							
	(6) M-21	M			V																																		
	(16) P-19																	E			V																		
	AM-2 MATTING																	2+																						
	(4) MOSLS	**1/**																**2/**																						
	(28) ARC																									X														
	(20) TAFDS																																							
	(12) M-970									F			V																											
	DUST ABATEMENT	D							V																														
	ADR KIT									A			V																											
	(8) SEE TRACTOR	C			V																																		
	(8) 130G GRADER																													G									
	(36) TRAM													T			V																							
	(30) ROWPU					W**5/**			V																															
	(80) MTVR/7-TON																																							
	(40) LVS																	L			V																		

Enclosure (1)

MARINE AVIATION GROUND SUPPORT (AGS) PLAN

UNIT/LOCATION	EQUIPMENT	04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
MWSG-27 (CPT)	**CONT'D**																																						
	(4) METMF-R																																						
	(8) NITES IV																																						
	(9) UOC													U			V																						
MWSG-37 (MIR)																																							
	M-21					M							V																										
	(16) P-19																	E			V																		
	AM-2 MATTING																	2+																						
	(4) MOSLS	**1/**																**2/**																						
	(9) ARC																									A							V							
	(16) TAFDS																																						
	(12) M-970													F			V																						
	DUST ABATEMENT	D							V																														
	ADR KIT									A			V																										
	(8) SEE TRACTOR	C			V																																		
	(8) 130G GRADER																													G									
	(36) TRAM																	T			V																		
	(30) ROWPU					W**5/**																																	
	(80) MTVR/7-TON																																						
	(40) LVS													L							V																		
	(4) METMF-R																																						
	(8) NITES IV																																						
	UOC																	U							V														
MWSG-47 (SEL)																																							
	(3) M-21									M**6/**			V																										
	P-19																													E									
	AM-2 MATTING																	2+							V														
	MOSLS																	2/																						
	(9) ARC																													A							V		
	(1) TAFDS																																						
	(8) M-970													N			V																						
	DUST ABATEMENT																																						
	(3) ADR KIT																	A			V																		
	(6) SEE TRACTOR	C			V																																		
	(6) 130G GRADER																													G									

MARINE AVIATION GROUND SUPPORT (AGS) PLAN

		04				05				06				07				08				09				10				11				12				13			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
UNIT/LOCATION	EQUIPMENT																																								
MWSG-47 (SEL)	**CONT'D**																																								
	(17) TRAM																	T			V																				
	(8) ROWPU					W4/			V																																
	(46) M927					7							V																												
	(29) LVS																									L							V								
	METMF-R																																								
	NITES IV																																								
	(7) UOC																																								

M = M-31 TRANSITION BEGINS
E = EXPEDITIONARY FIRE FIGHTING VEHICLE TRANSITION BEGINS
X = ARC REPLACEMENT TRANSITION BEGINS
F = FRC TRANSITION BEGINS
D = DUST ABATEMENT TRANSITION BEGINS
A = ADR TRANSITION BEGINS
C = CAT-420 TRANSITION BEGINS
G = GRADER REPLACEMENT TRANSITION BEGINS
T = TRAM REPLACEMENT TRANSITION BEGINS
W = TACTICAL WATER PURIFICATION SYSTEM TRANSITION BEGINS
L – LVS REPLACEMENT TRANSITION BEGINS
U = UOC TRANSITION BEGINS
2+ = IMPROVED AM-2 MATTING TRANSITION BEGINS
V = TRANSITION COMPLETE
I = IMPROVED MOBILE METOC FACILITY
P = LAPTOP
7 = 7-TON TRUCK
N = NEW MODEL FLATBED

NOTES:
1/IMPROVED MOSLS.
2/SOLAR ENHANCED MOSLS.
3/TWELVE X FRC.
4/FOUR X TWPS.
5/EIGHT X TWPS.
6/TWO X M-31.

MARINE AVIATION PILOT TRAINING REQUIREMENT (PTR)

PILOT TRAINING REQUIREMENT					
FISCAL YEAR	STRIKE	MARITIME	ROTARY	TILTROTOR	TOTAL
04	105	26	180	0	311
05	105	26	182	0	313
06	105	26	176	9	316
07	105	26	170	18	319
08	105	26	172	18	321
09	105	26	166	22	319
10	105	26	161	22	314

NFO TRAINING REQUIREMENT					
FISCAL YEAR	STK/FTR	STRIKE	ATDS	NAV	TOTAL
04	20	16	0	0	36
05	26	20	0	0	46
06	22	18	0	0	40
07	20	16	0	0	36
08	20	16	0	0	36
09	20	16	0	0	36
10	20	16	0	0	36

MARINE AVIATION PILOT TRAINING REQUIREMENT (PTR)

TRAINING UNIT	04	05	06	07	08	09	10	11
VMFAT-101								
CAT I PILOT (INPUT)	26	26	26	26	26	26	26	26
CAT I PILOT (OUTPUT)	25	25	25	25	25	25	25	25
CAT II PILOT	2	2	2	2	2	2	2	2
CAT III PILOT	17	17	17	17	17	17	17	17
CAT IV PILOT	10	10	10	10	10	10	10	10
CAT V CQ	4	4	4	4	4	4	4	4
CAT I WSO (INPUT)	22	20	26	22	20	20	20	20
CAT I WSO (OUTPUT)	22	22	26	24	20	20	20	20
CAT II WSO	0	0	0	0	0	0	0	0
CAT III WSO	13	13	13	13	13	13	13	13
CAT IV WSO	5	5	5	5	5	5	5	5
VFA-106								
F/A-18C								
CAT I PILOT (INPUT)	19	17	17	17	17	17	17	17
CAT II PILOT (OUTPUT)	18	16	16	` 16	16	16	16	16
CAT II PILOT	0	0	0	0	0	0	0	0
CAT III PILOT	12	11	11	11	11	11	11	11
CAT IV PILOT	8	8	8	8	8	8	8	8
CAT V CQ	4	4	4	4	4	4	4	4
VFA-125								
CAT I PILOT (INPUT)	14	16	16	16	16	16	16	16
CAT I PILOT (OUTPUT)	13	15	15	15	15	15	15	15
CAT II PILOT	0	0	0	0	0	0	0	0
CAT III PILOT	3	4	4	4	4	4	4	4
CAT IV PILOT	0	0	0	0	0	0	0	0
CAT V CQ	0	0	0	0	0	0	0	0
F/A-18 C/D TOTAL REQUIREMENTS								
CAT I PILOT (INPUT)	59	59	59	59	59	59	59	59
CAT I PILOT (OUTPUT)	56	56	56	56	56	56	56	56
CAT II PILOT	2	2	2	2	2	2	2	2
CAT III PILOT	32	32	32	32	32	32	32	32
CAT IV PILOT	18	18	18	18	18	18	18	18
CAT V CQ	8	8	8	8	8	8	8	8

MARINE AVIATION PILOT TRAINING REQUIREMENT (PTR)

TRAINING UNIT	04	05	06	07	08	09	10	11
VAQ-129								
CAT I PILOT (INPUT)	9	9	9	9	9	9	9	9
CAT I PILOT (OUTPUT)	8	8	8	8	8	8	8	8
CAT II PILOT	0	0	0	0	0	0	0	0
CAT III PILOT	3	3	3	3	3	3	3	3
CAT IV PILOT	3	3	3	3	3	3	3	3
CAT I WSO (INPUT)	16	16	20	18	16	16	16	16
CAT I WSO (OUTPUT)	16	16	20	20	16	16	16	16
CAT II WSO	0	0	0	0	0	0	0	0
CAT III WSO	5	5	5	5	5	5	5	5
CAT IV WSO	5	5	5	5	5	5	5	5

NOTES:
CAT I = FIRST TOUR SYLLABUS
CAT II = TRANSITION SYLLABUS
CAT III = REFRESHER SYLLABUS (GREATER THAN 18 MOS OUT OF TMS)
CAT IV = REFRESHER/NATOPS (GREATER THAN 12 MOS BUT LESS THAN 18 MOS OUT OF TMS)

MARINE AVIATION PILOT TRAINING REQUIREMENT (PTR)

TRAINING UNIT	04	05	06	07	08	09	10	11
VMAT-203 (AV-8B) FRS TRAINING REQUIREMENT								
CAT I (INPUT)	37	37	38	38	38	38	38	38
CAT I (OUTPUT)	36	36	36	37	37	37	37	37
CAT II	0	0	0	0	0	0	0	0
CAT III	27	27	27	27	27	27	27	27
CAT IV	13	13	13	13	13	13	13	13
FMS	4	4	3	3	3	3	3	3
VMGRT-253 (KC-130F/R/T) FRS TRAINING REQUIREMENT				**314TH AIRLIFT WING, LITTLE ROCK AFB ASSUMES ROLE OF FRS IN FY-07**				
CAT I	29	22	18	8	4	0	0	0
CAT II	0	0	2	2	2	2	2	2
CAT III	6	6	4	3	2	1	1	1
CAT IV	4	5	3	2	1	1	1	1
VMGR-252/352/152 (KC-13OJ) TRAINING REQUIREMENT				**JMATS ASSUMES ROLE FOR KC-130J FRS TRAINING IN FY-07**				
CAT I	4	12	14	24	28	32	32	32
CAT II	32	40	20	20	10	5	2	2
CAT III	0	2	4	5	6	7	8	8
CAT IV	0	2	3	4	5	5	6	6
VMMT-204 (MV-22) FRS TRAINING REQUIREMENT								
CAT I USMC INPUT INITIAL	0	0	9	18	22	32	42	66
CAT I USMC OUTPUT	0	0	8	16	20	30	40	63
CAT I USAF	0	0	12	`12	12	20	20	20
CAT I TRANSITIONS	0	0	30	40	40	36	32	28
CAT III	0	0	2	2	2	4	8	15
CAT IV	0	0	2	2	2	2	4	4
INSTRUCTOR	0	4	15	15	15	15	15	15
HMT-164 (CH-46E) FRS TRAINING REQUIREMENT								
CAT I	66	64	56	48	44	34	24	0
CAT II	0	0	0	0	0	0	0	0
CAT III	24	24	22	21	19	17	12	12
CAT IV	10	16	15	14	13	12	8	8
FMS	0	0	0	0	0	0	0	0
HMT-301 (CH-53D) FRS TRAINING REQUIREMENT			**HMT-302 ASSUMES ROLE AS SINGLE CH-53 FRS IN FY 06**					
CAT I	12	7	0	0	0	0	0	0
CAT II	7	7	0	0	0	0	0	0
CAT III	10	10	0	0	0	0	0	0
CAT IV	8	8	0	0	0	0	0	0

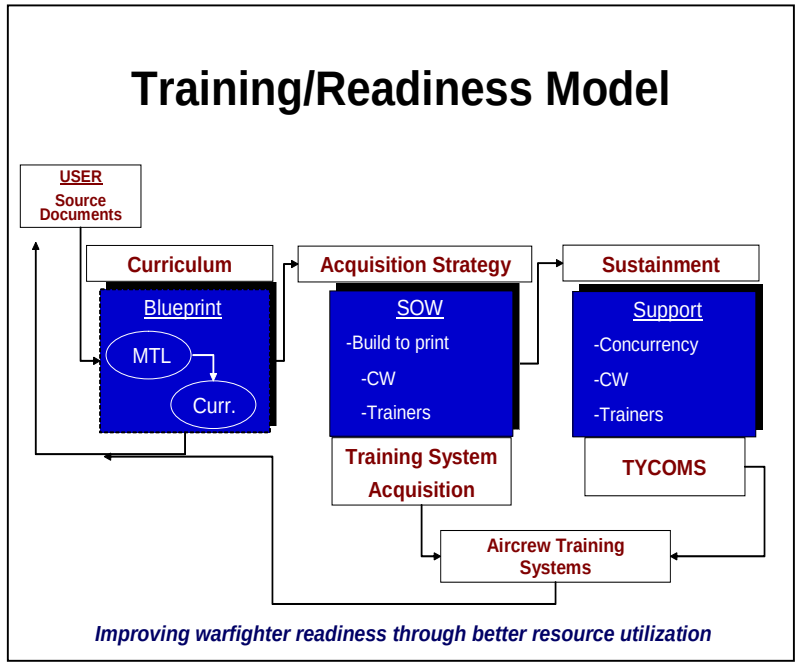
Enclosure (1)

MARINE AVIATION AIRCREW TRAINING SYSTEM (ATS)

IN TODAY'S OPERATIONAL ENVIRONMENT MARINE AVIATION IS REQUIRED TO ACHIEVE AND SUSTAIN THE HIGHEST LEVELS OF COMBAT READINESS IN SUPPORT OF THE IMMEDIATE AND FUTURE DEMANDS OF EXPEDITIONARY MANEUVER WARFARE. AT THE SAME TIME, THE COST OF NEAR CONTINUOUS CONTINGENCY OPERATIONS AND THE ACQUISITION PROGRAMS FOR AVIATION MODERNIZATION MUST BE SATISFIED. OUR PRESENT METHOD OF TRAINING LACKS AN INTEGRATED APPROACH TO CAPITALIZE ON AVAILABLE ECONOMIES OF SCALE AND AN ORGANIZATIONAL STRUCTURE CAPABLE OF SUPPORTING THE SYSTEM THROUGH EFFICIENT ALLOCATION OF EXISTING RESOURCES. FISCAL REALITY WILL NOT ALLOW US TO CONTINUE IN THIS MANNER. WE MUST DEVELOP AND IMPLEMENT A TRAINING SYSTEM THAT INSTITUTIONALIZES PROCESSES THAT SUPPORT OUR MISSIONS, PROVIDES ON-TIME DELIVERY OF TACTICALLY RELEVANT AVIATION TRAINING WHILE REDUCING OUR TOTAL OWNERSHIP COST.

THE AVIATION TRAINING SYSTEM (ATS) CONCEPT IS BEING DEVELOPED IN RESPONSE TO THE CHALLENGE. ATS, NEW RIVER AND THE MV-22 TRAINING SYSTEM SERVES AS THE PROTOTYPE FOR THE DEVELOPMENT OF AN ADAPTABLE TEMPLATE INTENDED FOR EVENTUAL DEPLOYMENT THROUGHOUT MARINE AVIATION. THE PRIMARY OBJECTIVE IS TO PROVIDE WARFIGHTER FOCUSED, TACTICALLY RELEVANT TRAINING AND AN APPROPRIATE MANAGEMENT STRUCTURE FOR IMPROVED TRAINING SYSTEM EFFICIENCY. THIS WILL BE ACHIEVED BY SYSTEMATICALLY ANALYZING OUR TRAINING REQUIREMENTS, ADAPTING PROVEN TRAINING METHODOLOGIES AND TECHNOLOGIES AND CREATING AN ORGANIZATIONAL STRUCTURE TO EFFICIENTLY MANAGE THE SYSTEM BUT RETAIN THE AGILITY NECESSARY TO RESPOND TO THE RAPID PACE OF CHANGE IN OUR ENVIRONMENT. THIS EFFORT IS FAR MORE THAN JUST INCREASED USE OF FLIGHT SIMULATORS. IT IS A SYSTEMS APPROACH TO CREATING A FULLY INTEGRATED OPERATIONAL READINESS MODEL.

ATS DEVELOPMENT IS BEING ACCOMPLISHED VIA AN INTEGRATED PRODUCT TEAM (IPT) COMPRISED OF APPROPRIATE FLEET, REQUIREMENTS, ACQUISITION AND INDUSTRY PERSONNEL. THE INTIMATE KNOWLEDGE DEVELOPED THROUGH PARTICIPATION THROUGHOUT THE PROCESS ESTABLISHES A COMMON EXPECTATION



AMONG USER, ACQUISITION, SUPPORT AND INDUSTRY PERSONNEL AND AFFORDS ALL PARTICIPANTS OPPORTUNITY TO IDENTIFY CHALLENGES AND COLLECTIVELY WORK TO ACHIEVE OPTIMAL SOLUTIONS AS EARLY AS POSSIBLE. THE ATS IPT'S MAIN FOCUS THROUGHOUT THE PROCESS IS THE TRAINING REQUIREMENTS OF THE WARFIGHTER, BEGINNING WITH CURRICULUM AND TRAINING CONTINUUM DEVELOPMENT, IDENTIFICATION AND ACQUISITION OF THE REQUIRED TRAINING DEVICES, AND THE PROPOSED ORGANIZATIONAL STRUCTURE TO MAINTAIN CURRENCY, SUPPORT AND MANAGE THE TRAINING. THIS SYSTEMS APPROACH AVOIDS THE COSTLY STOVE-PIPED, HARDWARE CENTRIC EFFORTS OF THE PAST WHERE SUCCESS WAS MEASURED IN DEVICE AVAILABILITY/RELIABILITY VICE QUALITY OF TRAINING PROVIDED. WHEN FULLY IMPLEMENTED THE ATS'S INCREASED VISIBILITY AND ABILITY TO LEVERAGE COMMON SOLUTIONS ACROSS THE VARIOUS PLATFORMS WILL RESULT IN SIGNIFICANT COST SAVINGS FREEING FUNDING FOR OTHER REQUIREMENTS TO ENHANCE TRAINING.

MARINE AVIATION AIRCREW TRAINING SYSTEM (ATS)

THE ORGANIZATIONAL STRUCTURE PLACES THE OPERATIONAL COMMANDER IN CHARGE OF THE ATS. IT WILL BE ONE OF THE PRIMARY TOOLS TO ACHIEVE AVIATION TRAINING REQUIREMENTS ACROSS THE SPECTRUM FROM 100 TO 600-LEVEL T&R EVENTS. THE 100-LEVEL HAS BEEN TARGETED AS A PROOF OF CONCEPT. THE GREATER VALUE RESIDES IN THE UPPER LEVEL TRAINING TO INCLUDE ACE, MAGTF AND POTENTIALLY JOINT TRAINING TO FULLY EXPLOIT THE NETWORKING AND EXERCISE CONTROL CAPABILITY OF THE ATS. ADDITIONAL TRAINING TO DEVELOP FLIGHT LEADERSHIP AND CRITICAL DECISION MAKING SKILLS OR TAILORED TRAINING TO PREPARE INDIVIDUALS OR UNITS FOR PENDING DEPLOYMENTS CAN EASILY BE SUPPORTED BY THE ATS. TO THE GREATEST EXTENT POSSIBLE, COMMON TRAINING (SUCH AS CREW RESOURCE MANAGEMENT, INSTRUMENT GROUND SCHOOL, MISSION PLANNING SYSTEM, INSTRUCTOR QUALIFICATION, BACK IN THE SADDLE PROGRAMS, ETC.) WILL BE OFFLOADED TO THE ATS TO REDUCE THE TRAINING BURDEN ON THE MARINE AIR GROUPS/SQUADRONS. THE ATS STRUCTURE ALSO PROVIDES A NATURAL FORUM FOR THE FLEET TO VET THEIR ISSUES, COMMUNITY SPECIFIC OR COMMON, VIA THE CHAIN OF COMMAND TO THE APPROPRIATE AGENCIES. OVERALL, THE ATS WILL SIGNIFICANTLY ENHANCE THE OPERATIONAL COMMANDER'S SITUATIONAL AWARENESS OF THE TRAINING AND READINESS STATUS AND ISSUES OF INTEREST PERTAINING TO THE COMMAND.

AS PREVIOUSLY STATED, ATS NEW RIVER IS THE DESIGNATED PROTOTYPE FOR DEVELOPMENT OF THE ATS CONCEPT. AS SUCH, THE IPT IS AFFORDED THE LATITUDE TO EVALUATE PROVEN AVIATION TRAINING METHODOLOGIES AND TECHNOLOGIES FROM ANY SOURCE TO ASSESS SUITABILITY FOR INCORPORATION INTO OUR PROCESS. THE GUIDANCE IS TO PURSUE ONLY MATURE TECHNOLOGIES THUS AVOIDING THE INCREASED COST AND OPERATIONAL RISK ASSOCIATED WITH DEVELOPMENT EFFORTS. WE WILL ONLY MIGRATE TO A MATURED TECHNOLOGY THAT HAS NEAR UNIVERSAL APPLICATION AND PRESENTS A SIGNIFICANT ENHANCEMENT AT AN AFFORDABLE COST. BY CONDUCTING SUCH EVALUATIONS IN THE CONTEXT OF THE ATS, MARINE AVIATION MANAGES ANY EVALUATION AND SUBSEQUENT MIGRATION OVER THE ENTIRE ENTERPRISE AND NOT VIA DISJOINTED AND COSTLY STOVE-PIPED POCKETS THAT ONLY SATISFY INDIVIDUAL COMMUNITY NEEDS. THE DEVELOPMENT PROCESS WILL LOGICALLY IMPACT REGULATIONS GOVERNING TRAINING (I.E. T&R VOLUME 1) AND POSSIBLY OTHER ELEMENTS OF DOTMLPF. RECOMMENDED CHANGES WILL BE STAFFED APPROPRIATELY. OUT OF FISCAL NECESSITY OUR AXIS OF ADVANCE WILL CONTINUE TO BE TOWARD COMMON TRAINING SYSTEMS/SOLUTIONS.

THE NEXT PHASE OF THE ATS CONCEPT WILL BEGIN DEPLOYMENT OF THE ESTABLISHED TEMPLATE TO OTHER SITES. CURRENT POM INITIATIVES HAVE BEEN REFINED TO SUPPORT INCREMENTAL IMPLEMENTATION OVER THE FUTURE YEARS DEFENSE PLAN (FYDP). SUCCESSFUL IMPLEMENTATION OF THIS CONCEPT WILL ENSURE MARINE AVIATION ACHIEVES OUR GOAL: PROVIDING WARFIGHTER FOCUSED, TACTICALLY RELEVANT TRAINING IN A TIMELY MANNER AT AFFORDABLE COST.

29P	MCAS Twenty-nine Palms, CA
AAB	Aviation Administrative and Security Support Branch
ACE	Aviation Combat Element
ADCON	Administrative Control
ADCP	Air Defense Capabilities Platform
ADR	Airfield Damage Repair
AETC	Air Force Education and Training Command
AMP	Aircraft Modernization Program
AND	Andrews AFB, MD
ANGB	Air National Guard Base
APC	Aviation Command and Control Branch
APP	Aviation Plans, Programs, Doctrine, Budget and Joint Matters
APT	Aircrew Procedures Trainer
APW	Aviation Weapons Systems Requirements Branch
ARC	Aviation Refueling Capability
ASCO	Aviation Support Coordination Office
ASL	Aviation Logistics Support Branch
ASM	Aviation Manpower Support Branch
ASN	Air Support Node
ASN(A)	Air Support Node (Airborne)
ATC	Air Traffic Control
ATCO	Aviation Transportation Coordination Office
ATDS	Aviation Tactical Data System - E-2C NFO Pipeline
ATL	NAS JRB Atlanta, GA
ATS	Aircrew Training System
AUR	Buckley ANGB, Aurora, CO
AVPLAN	Aviation Plan
BFT	MCAS Beaufort, SC
BN	Battalion
BOG	OLF Bogue Field, NC
C2/RTU	Command and Control/Remote Terminal Unit
CAC2S	Common Aviation Command and Control System
CCS	Command and Control Sub-system
CCSPFW	Common Contingency Support Package Fixed Wing
CCSPRW	Common Contingency Support Package Rotary Wing
CF	Camp Foster, Okinawa, Japan
CFT	Cross Functional Team
CHY	Warren AFB, Cheyenne, WY
CLAWS	Complementary Low-Altitude Weapons System
CMC	Commandant of the Marine Corps
CNATRA	Chief of Naval Aviation Training
CNATT	Center for Naval Aviation Technical Training
CPT	MCAS Cherry Point, NC
CQ	Carrier Qualification
CSG	Carrier Strike Group
CWAR	Continuous Wave Acquisition Radar
DASC	Direct Air Support Center
DASC(A)	Direct Air Support Center (Airborne)

EIS	Environmental Impact Statement
EMW	Expeditionary Maneuver Warfare
ESC	Executive Steering Committee
ESF	Expeditionary Strike Force
ESG	Expeditionary Strike Group
FFS	Full Flight Simulator
FISP	Fly-in Support Package
FMS	Foreign Military Sales
FOSP	Follow-on Support package
FRC	Flat-rack Refueling Capability
FRES	Fresno, CA
FRS	Fleet Replacement Squadron
FTD	Flight Training Device
FTS	Fort Sheridan, IL
FTU	Fixed Wing Training Unit
FTW	JRB Fort Worth, TX
FUT	MCAS Futenma, Japan
FYDP	Future Years Defense Plan
GMFP	Global Military Force Posture
HELRASR	Highly Expeditionary Long-Range Air Surveillance Radar
HMH	Marine Heavy Helicopter Squadron
HMLA	Marine Light/Attack Helicopter Squadron
HMM	Marine Medium Helicopter Squadron
HMT	Marine Helicopter Training Squadron
HMX	Marine Helicopter Squadron
ILL	NTC Great Lakes, IL
IPT	Integrated Product Team
ISMO	Information Systems Management Office
IWA	MCAS Iwakuni, Japan
JMATS	USAF KC-130J Maintenance and Aircrew Training System
JRB	Joint Reserve Base
JTN	JRB Johnstown, PA
K-BAY	MCAF Kaneohe Bay, HI
LAAD	Low Altitude Air Defense
LVSR	Logistics Vehicle System Replacement
LVS	Logistics Vehicle System
MACG	Marine Air Control Group
MACS	Marine Air Control Squadron
MAG	Marine Aircraft Group
MALS	Marine Aircraft Logistics Squadron
MASS	Marine Air Support Squadron
MAW	Marine Aircraft Wing
MAWTS	Marine Aviation Weapons and Tactics Squadron
MCB	Marine Corps Base
MCCDC	Marine Corps Combat Development Command
MCMP	Marine Corps Master Plan
MEF	Marine Expeditionary Force
METMF-R	Meterological Mobile Facility - Replacement

MWCS	Marine Wing Communications Squadron
MWHS	Marine Wing Headquarters Squadron
MWSG	Marine Wing Support Group
MWSS	Marine Wing Support Squadron
NAV	Overwater Navigation - P-3/S-3 NFO Pipeline
NETC	Naval Education and Training Command
NITES IV	Naval Integrated Tactical Environmental System IV
NO	JRB New Orleans, LA
NOL	JRB New Orleans, LA
NOR	NAS Norfolk, VA
NPDC	Naval Personnel Development Command
NR	MCAS New River, NC
OFT	Operational Flight Trainer
OS/CS	Operations Sub-system/Communications Sub-system
PAS	Pasadena, CA
PCSP	Peculiar Contingency Support Package
PEN	MCAS Camp Pendleton, CA
POM	Program Objective Memorandum
ROWPU	Reverse Osmosis Water Purification Unit
SCIF	Sensitive Compartmented Information Facility
SEL	Selfridge ANGB, MI
SHORAD	Short-Range Air Defense
SHORCAL	Shore-based Aviation Consolidated Allowance List
STW	Stewart ANGB, NY
TACAN	Tactical Air Navigation
TAFDS	Tactical Airfield Fuel Dispensing System
TAOMS	Tactical Air Operations Module
TECOM	Training and Education Command
TOFT	Tactical Operational Flight Trainer
TRAM	Tractor, Rubber-tired, Articulated steering, Multi-purpose
TSA	Training Support Allowance
TTF	Transition Task Force
TWPS	Tactical Water Purification System
UOC	Unit Operation Center
UPT	Undergraduate Pilot Training
VMA	Marine Attack Squadron
VMAQ	Marine Electronic Attack Squadron
VMAT	Marine Attack Training Squadron
VMFA	Marine Fighter Attack Squadron
VMFA(AW)	Marine All-Weather Fighter Attack Squadron
VMFAT	Marine Fighter Attack Training Squadron
VMGR	Marine Aerial Refueler/Transport Squadron
VMM	Marine Tiltrotor Squadron
VMU	Marine Unmanned Aerial Vehicle Squadron
VMX	Marine Tiltrotor Test Squadron
WES	Westover, MA
WLG	NAS JRB Willow Grove, PA
WPA	Wyoming, PA